

Monthly Report February 2019

In February the total traded volume decreased by 3,46% to 1 719 199,7 MWh compared to 1 780 737,7 MWh in January. The average daily traded volume was 61 400,0 MWh. The highest daily traded volume was 77 811,2 MWh on 27.2.2019. delivery day. This is a record daily traded volume since the launch of HUPX DAM market. The number of admitted members was 59 in the examined month.

List of the Members

Founder members

- ALPIQ ENERGY SE
- AYEN ENERGIJA d.o.o.
- BC-Energiakereskedo Kft.
- Budapesti Eromu Zrt.
- Centrica Energy Trading A/S
- CEZ, a.s.
- CHP-EROMU Kft.
- Citigroup Global Markets Limited
- Danske Commodities A/S
- E.ON Energiakereskedelmi Kft.
- EDF Trading Limited
- EDS International SK

New members

- Watt and Volt S.A.

Admitted members

- AXPO Solutions AG
- AYEN ENERGIJA d.o.o.
- BC-Energiakereskedo Kft.
- Budapesti Eromu Zrt.
- Centrica Energy Trading A/S
- CHP-EROMU Kft.
- Citigroup Global Markets Limited
- E.ON Energiakereskedelmi Kft.
- EDF Trading Limited
- EDS International SK
- Ekologicke Zdroje Energie s.r.o.
- Enel Global Trading S.p.A.
- Energi Danmark A/S
- ENERGIEALLIANZ Austria GmbH
- Energija Naturalis Int d.o.o.
- Energo-pro Trading JSC
- Energy Supply EOOD
- EP Commodities, a.s.
- EPS Trgovanje, d.o.o.
- EVN Trading South East Europe EAD
- Ezpada s.r.o.
- Freepoint Commodities Europe LLP
- Gazprom Marketing & Trading Ltd
- GDF Suez Trading SAS
- Greek Environmental & Energy Network Societe Anonyme
- Greenergy-Trade Kft.
- HEP d.d.
- Interenergo d.o.o.
- ISD Power Kft.
- LE Trading a.s.
- MAVIR ZRt.
- MET Austria Energy Trade GmbH
- Monsson Trading S.R.L.
- NKM Aramszolgaltato Zrt
- OAM Ozdi Acelmuvek Kft.
- OMV Gas Marketing & Trading GmbH
- Petrol d.d., Ljubljana
- RIGHT POWER, a.s.
- RWE Supply & Trading GmbH
- SINERGY Energiakereskedő Kft.
- Slovenske elektrarne, a.s.
- TINMAR ENERGY SA
- Trailstone GmbH
- TRANSENERGO COM S.A.
- Vattenfall Energy Trading GmbH
- VERBUND AG

HUPX Day-Ahead Market

Description	1/2019	2/2019	Change	
HUPX Base Average Price (EUR/MWh)*	73,23	49,56	-23,67	-32,32%
HUPX Peak Average Price (EUR/MWh)*	85,94	55,94	-30,00	-34,91%
HUPX Base Trimmed Mean Price (EUR/MWh)**	73,49	49,43	-24,07	-32,75%
HUPX Peak Trimmed Mean Price (EUR/MWh)**	85,55	55,42	-30,13	-35,22%
OTC Base Trimmed Mean Price (EUR/MWh)**	74,64	50,21	-24,43	-32,73%
OTC Peak Trimmed Mean Price (EUR/MWh)**	N/A	N/A	N/A	N/A
Trimmed Diff. BL. HUPX↔OTC	1,17	0,86	-0,31	-26,30%
Trimmed Diff. PL. HUPX↔OTC	N/A	N/A	N/A	N/A

Highest Traded Price (EUR/MWh)	138,82	85,44	-53,38	-38,45%
Lowest Traded Price (EUR/MWh)	7,92	15,39	7,47	94,32%

Total Turnover (EUR)	128 886 149	84 579 088	-44 307 061	-34,38%
Average Daily Turnover (EUR)	4 157 618	3 020 682	-1 136 936	-27,35%
Max. Daily Turnover (EUR)	5 542 891	3 886 833	-1 656 058	-29,88%
Min. Daily Turnover (EUR)	2 493 312	2 107 495	-385 817	-15,47%

Description	1/2019	2/2019	Change	
Total Volume (MWh)	1 780 737,7	1 719 199,7	-61 538,0	-3,46%
Average Daily Traded Volume (MWh)	57 443,2	61 400,0	3 956,8	6,89%
Highest Daily Traded Volume (MWh)	67 040,9	77 811,2	10 770,3	16,07%
Lowest Daily Traded Volume(MWh)	46 198,9	53 565,4	7 366,5	15,95%
Highest Hourly Traded Volume (MWh)	3 527,8	3 737,9	210,1	5,96%
Lowest Hourly Traded Volume(MWh)	1 517,3	1 779,6	262,3	17,29%
Average Hourly Traded Volume (MWh)	2 393,5	2 558,3	164,9	6,89%

DAM - Weekdays	01-24 (Baseload)	01-24 (Baseload)		
Average Daily Traded Volume (MWh)	58 486,7	62 311,2	3 824,5	6,54%
DAM - Weekend	01-24 (Baseload)	01-24 (Baseload)		
Average Daily Traded Volume (MWh)	54 442,9	59 121,9	4 679,0	8,59%

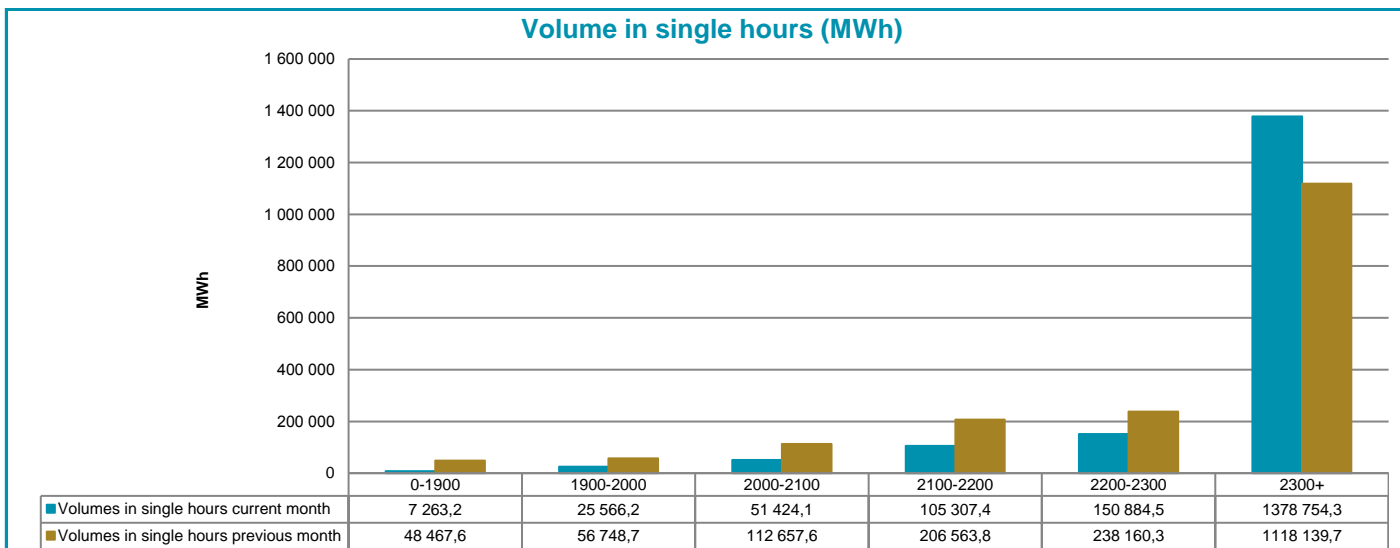
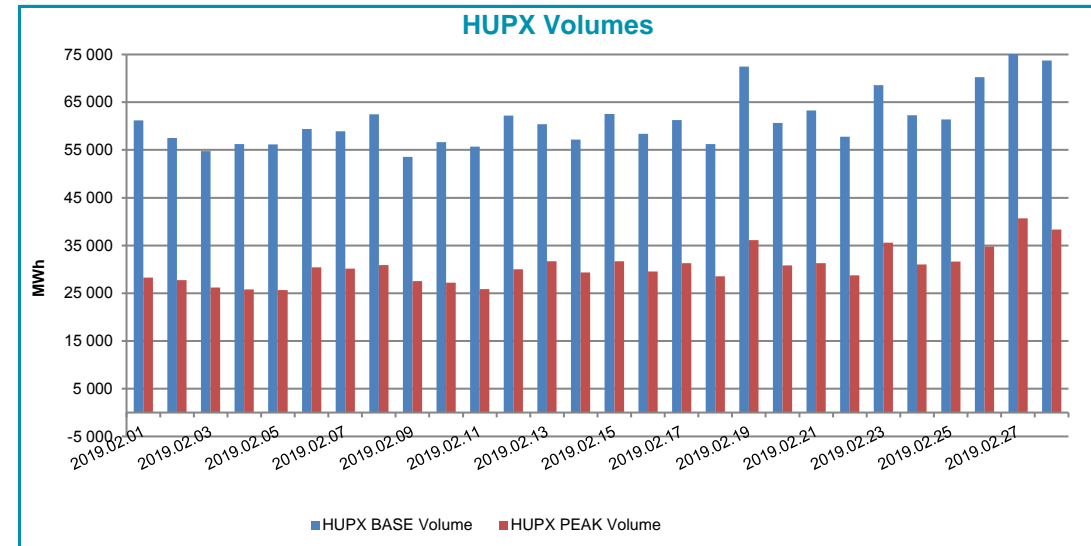
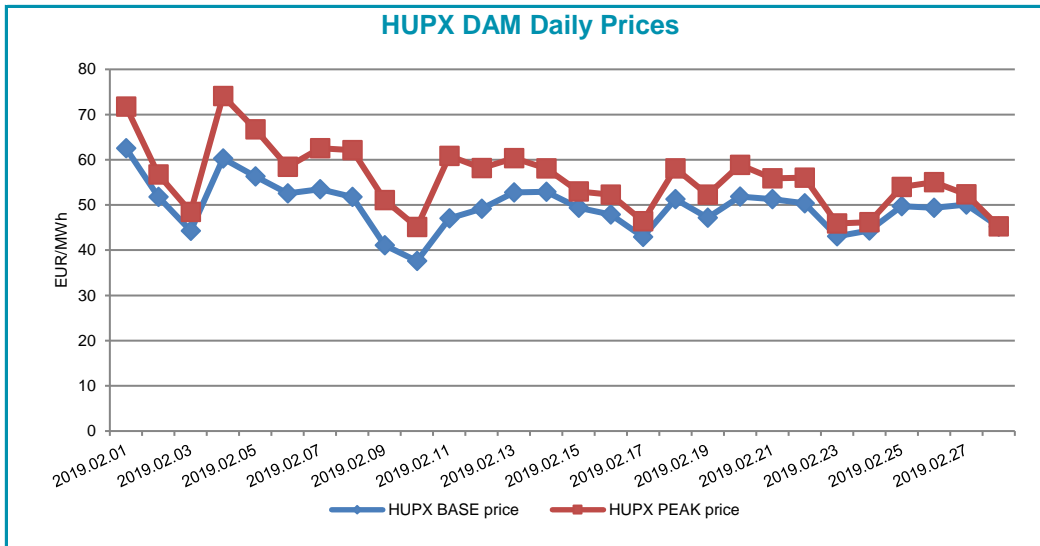
DAM - Weekdays	09-20 (Peakload)	09-20 (Peakload)		
Average Daily Traded Volume (MWh)	28 144,9	31 030,9	2 886,0	10,25%
DAM - Weekend	09-20 (Peakload)	09-20 (Peakload)		
Average Daily Traded Volume (MWh)	27 341,0	29 523,0	2 182,0	7,98%

Note:

***The average price** contains all the hourly prices in the examined periods.

****Trimmed Mean** is a special average which shows monthly mean prices considering all prices except for the two lowest and the two highest. We applied this indicator to avoid from distortion of the results. Mean is very sensitive to extreme values.

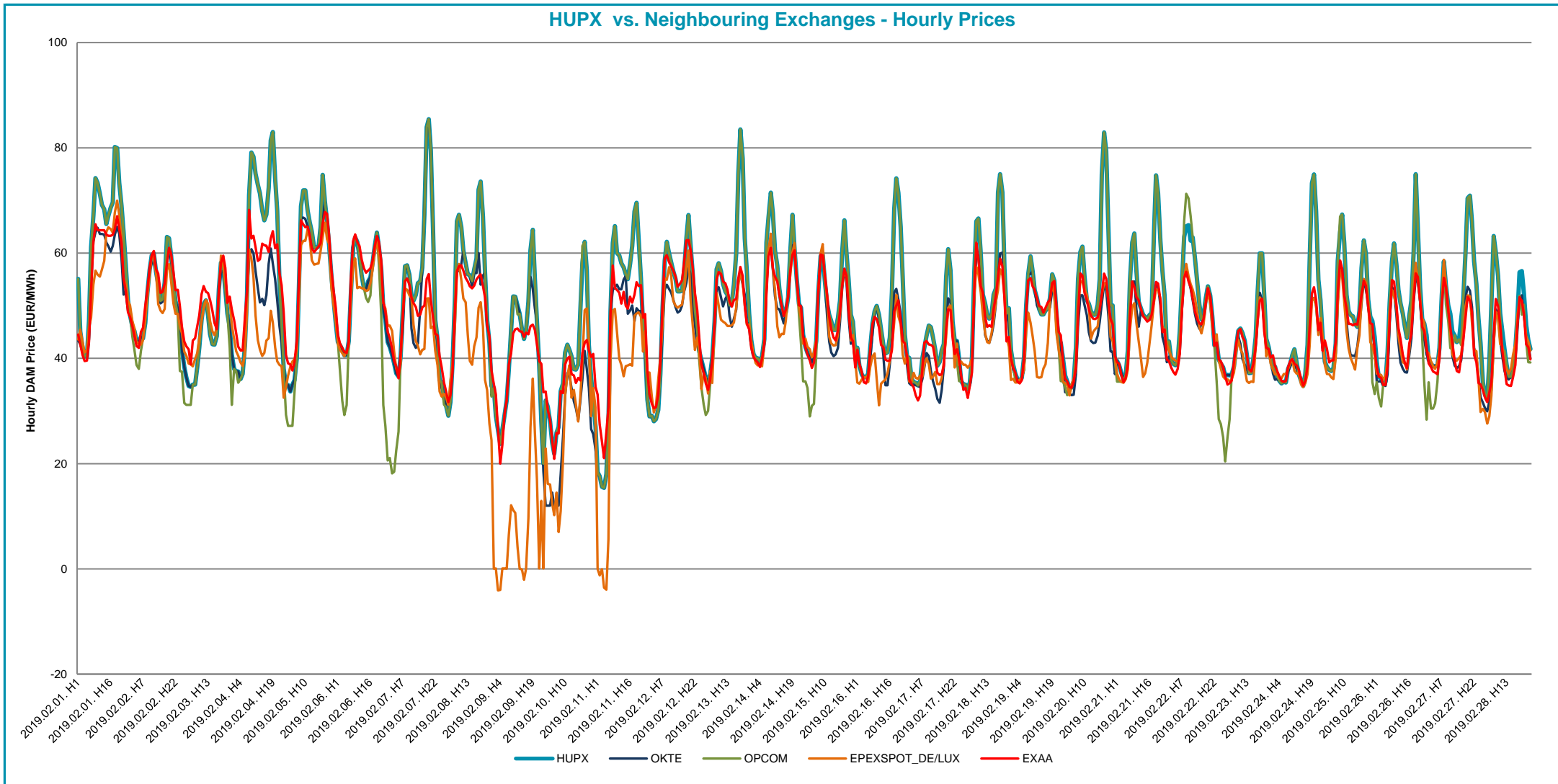
Prices and volumes



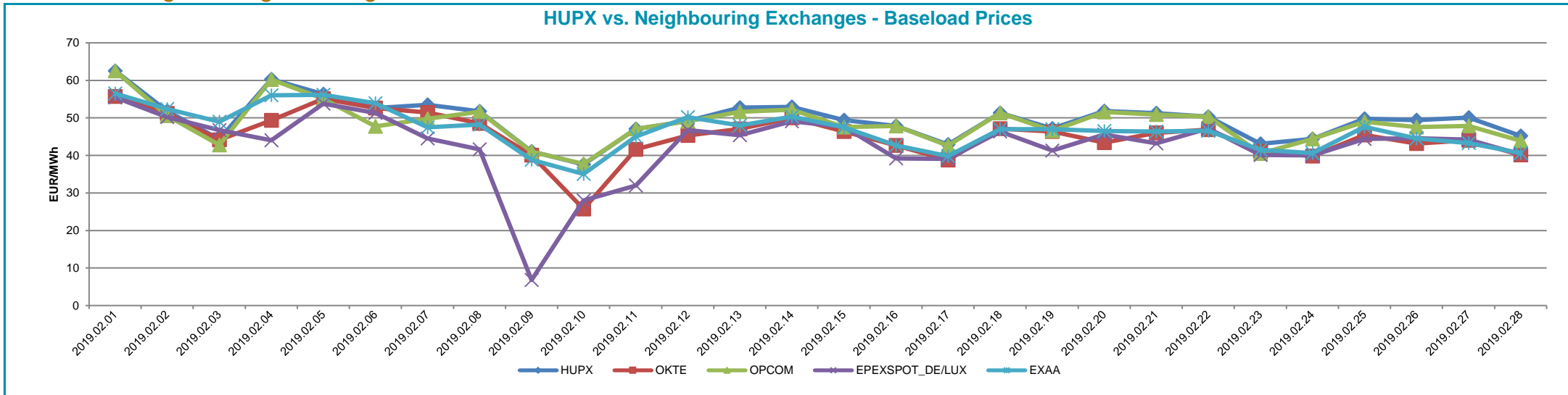
Note:

The bar chart shows the traded volumes in single hours in the examined period (01/02/2019-28/02/2019). We categorized the results according to the traded volume of each hour. Compared to the previous month, the distribution of executed volumes shows changes in the traded volumes: the ratio of the range 0-1900 MWh, 1900-2000 MWh, 2000-2100 MWh, 2100-2200 MWh and 2200-2300 MWh decreased, while the ratio increased regarding the 2300+ MWh.

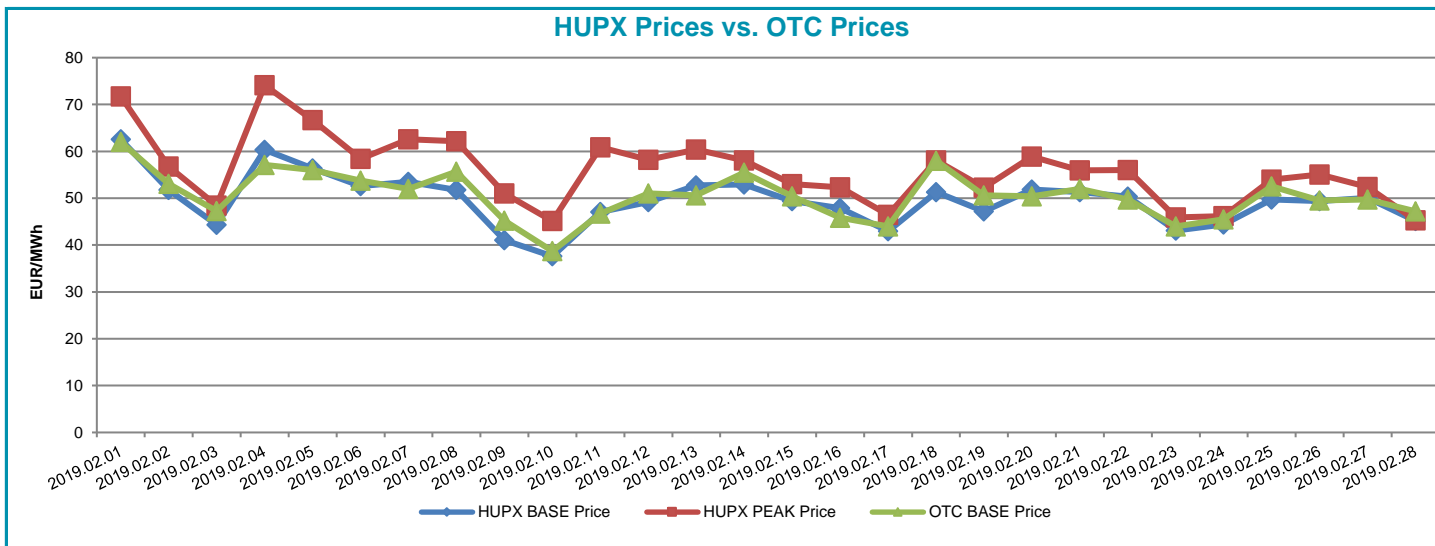
HUPX vs. Neighbouring Exchanges - Hourly Prices



HUPX vs. Neighbouring Exchanges - Baseload Prices



HUPX vs. OTC



Trimmed Diff. BL.	HUPX↔OTC	0,86
Trimmed Diff. PL.	HUPX↔OTC	N/A

Average of aggregated OFFERS/BIDS 01/02/2019-28/02/2019

Data shown in the table reflects the average hourly aggregated maximum sell and buy volumes, not considering price steps.

Hour	Offers	Bids	Index volumes
H1	3 520,5	4 017,0	2 687,5
H2	3 571,9	3 976,7	2 658,3
H3	3 567,0	3 889,8	2 585,6
H4	3 539,3	3 857,3	2 559,8
H5	3 468,6	3 877,0	2 520,9
H6	3 242,3	3 869,8	2 375,5
H7	3 170,9	3 938,8	2 404,6
H8	3 212,4	3 997,9	2 431,4
H9	3 211,7	4 149,4	2 461,0
H10	3 311,3	4 250,3	2 546,7
H11	3 435,6	4 317,0	2 674,6
H12	3 477,4	4 388,6	2 730,7
H13	3 431,6	4 339,5	2 697,6
H14	3 435,0	4 244,6	2 672,7
H15	3 351,7	4 133,9	2 569,6
H16	3 261,5	4 120,9	2 509,3
H17	3 181,1	4 053,6	2 419,5
H18	3 035,5	4 148,4	2 398,7
H19	3 094,1	4 241,2	2 430,0
H20	3 218,9	4 208,1	2 489,8
H21	3 424,4	4 112,8	2 563,9
H22	3 395,6	4 101,2	2 642,6
H23	3 495,0	4 001,3	2 674,3
H24	3 606,7	3 882,9	2 695,4
Σ	80 660,0	98 118,1	61 400,0

Base	
MIN (offer)	3 035,5
MAX (offer)	3 606,7
MIN (bid)	3 857,3
MAX (bid)	4 388,6
Average (offer)	3 360,8
Average (bid)	4 088,3

Peak	
MIN (offer)	3 035,5
MAX (offer)	3 477,4
MIN (bid)	4 053,6
MAX (bid)	4 388,6
Average (offer)	3 287,1
Average (bid)	4 216,3

Aggregated OFFERS/BIDS 01/02/2019-28/02/2019

Data shown in the table reflects hourly aggregated maximum sell and buy volumes, not considering price steps.

Hour	Offers	Bids	Index volumes
H1	98 574,8	112 477,0	75 249,7
H2	100 012,8	111 347,4	74 433,5
H3	99 875,2	108 915,6	72 397,6
H4	99 100,4	108 003,9	71 675,7
H5	97 120,6	108 555,2	70 586,1
H6	90 784,9	108 353,5	66 514,6
H7	88 786,0	110 287,3	67 327,6
H8	89 945,8	111 941,8	68 079,3
H9	89 927,7	116 182,9	68 906,9
H10	92 715,0	119 008,7	71 306,8
H11	96 196,8	120 875,7	74 889,2
H12	97 366,5	122 881,7	76 460,4
H13	96 085,3	121 507,1	75 531,7
H14	96 180,6	118 848,7	74 834,3
H15	93 848,2	115 749,9	71 948,2
H16	91 322,7	115 385,1	70 260,9
H17	89 070,3	113 500,6	67 746,1
H18	84 993,9	116 155,0	67 164,7
H19	86 634,5	118 754,6	68 038,9
H20	90 130,1	117 827,2	69 714,0
H21	95 883,5	115 157,8	71 789,5
H22	95 075,8	114 832,9	73 991,7
H23	97 860,8	112 036,0	74 879,8
H24	100 988,7	108 721,1	75 472,5
Σ	2 258 480,9	2 747 306,7	1 719 199,7

Base	
MIN (offer)	84 993,9
MAX (offer)	100 988,7
MIN (bid)	108 003,9
MAX (bid)	122 881,7
Average (offer)	94 103,4
Average (bid)	114 471,1

Peak	
MIN (offer)	84 993,9
MAX (offer)	97 366,5
MIN (bid)	113 500,6
MAX (bid)	122 881,7
Average (offer)	92 039,3
Average (bid)	118 056,4

HUPX DAM

Traded Volume By Portfolios

