

Monthly Report November 2013

HUPX DAM reached 901 634,9 MWh in November which is a record traded volume. In the examined month the total traded volume increased by 6,57% compared to the 846 064,6 MWh achieved in October. The average daily traded volume was 30 054,5 MWh. The highest daily traded volume was 35 999,2 MWh on the delivery day of 25th November. The number of admitted members was 53 in the examined month.

List of the Members



- Alpiq Energy SE
- CEZ, a.s.
- Danske Commodities A/S
- E.ON Global Commodities SE
- Energy Financing Team (Switzerland) AG
- GDF SUEZ Energia Magyarország Zrt.
- GEN-I d.o.o.
- Holding Slovenske Elektrarne d.o.o.
- JAS Budapest Zrt.
- Magyar Áramszolgáltató Kft.
- Mátrai Erőmű Zrt.
- MVM Partner Zrt.
- Statkraft Markets GmbH
- BC-Energiakereskedő Kft.
- Budapesti Erőmű Zrt.
- Citigroup Global Markets Limited
- Compagnie Nationale du Rhone
- DB Energy Commodities Ltd.
- Dunafin Kft.
- EDF Trading Limited
- Edison Trading S.p.A. Magyarországi Fióktelepe
- EGL AG
- Elektro Energija d.o.o.
- Enel Trade S.p.A.
- Ezpada s.r.o.
- Freepoint Commodities Europe LLP
- Gazprom Marketing & Trading Ltd
- GDF Suez Trading SAS
- Greenergy-Trade Kft.
- Gunvor International B.V.
- HAMBURGER Hungaria Kft.
- HEP Magyarország Energia Kft
- Interenergo d.o.o.
- ISD Power Kft.
- MAVIR Zrt.
- Mercuria Energy Trading S.A
- Monsson Energy Trading S.R.L.
- Morgan Stanley Capital Group Energy Europe Limited
- Motim Zrt.
- ÓAM Ózdi Acélművek Kft.
- OMV Trading GmbH
- OPTENERGY Kft.
- PETROL d.d. Ljubljana
- RD CZ ENERGY s.r.o.
- Repower Trading Ceska republika s.r.o
- RWE Supply &Trading GmbH
- TEI-ENERGY S.p.A
- TINMAR-IND S.A.
- TRANSENERGO COM S.A.
- Vattenfall EnergyTrading GmbH
- VERBUND AG
- Vitol Gas & Power B.V.
- VPP Erőmű Üzemeltető és Kereskedelmi Zrt.

HUPX Day-Ahead Market

Description	10/2013	11/2013	Change	
HUPX Base Average Price (EUR/MWh)	50,40	41,13	-9,27	-18,39%
HUPX Peak Average Price (EUR/MWh)	61,15	52,17	-8,98	-14,69%
Diff. BL. HUPX→OTC	1,43	-2,00	-3,44	-239,51%
Diff. PL. HUPX→OTC	2,08	-1,92	-4,00	-192,46%

Highest Traded Price (EUR/MWh)	250,01	113,02	-136,99	-54,79%
Lowest Traded Price (EUR/MWh)	-2,17	1,00	3,17	146,08%

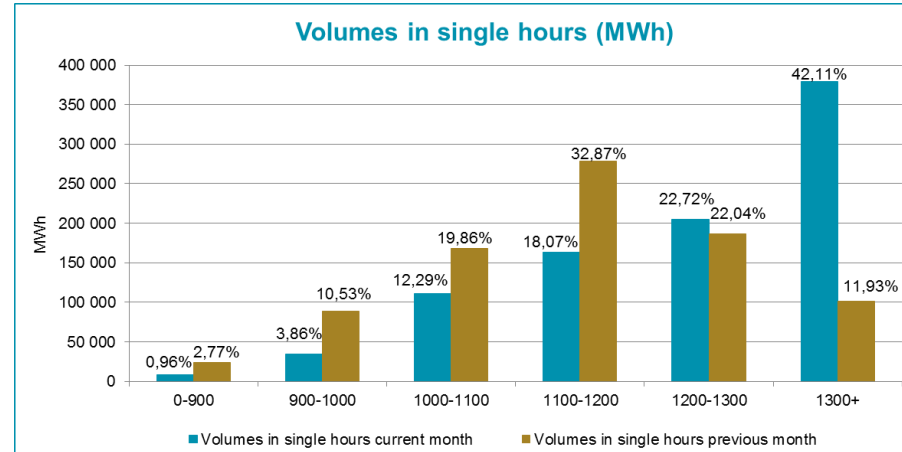
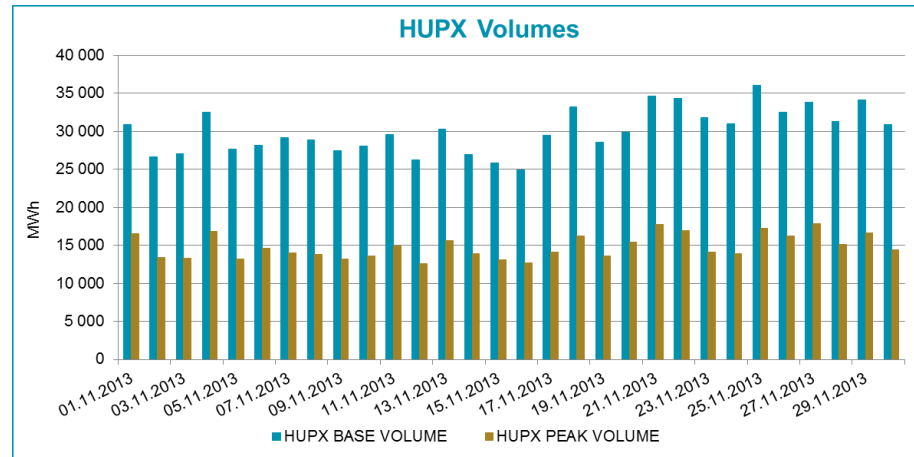
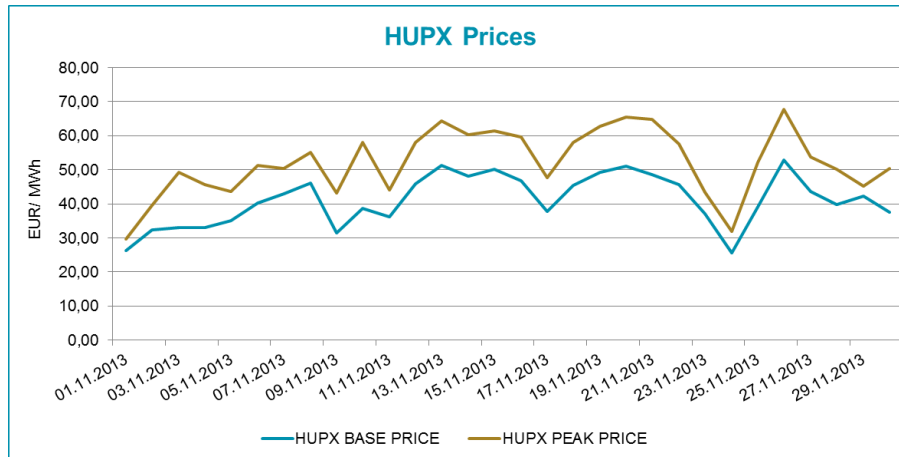
Total Turnover (EUR)	42 652 416	37 061 721	-5 590 695	-13,11%
Average Daily Turnover (EUR)	1 375 884	1 235 391	-140 494	-10,21%
Max. Daily Turnover (EUR)	1 913 808	1 718 213	-195 595	-10,22%
Min. Daily Turnover (EUR)	882 429	775 801	-106 628	-12,08%

Description	10/2013	11/2013	Change	
Total Volume (MWh)	846 064,6	901 634,9	55 570,3	6,57%
Average Daily Traded Volume (MWh)	27 292,4	30 054,5	2 762,1	10,12%
Highest Daily Traded Volume (MWh)	30 905,3	35 999,2	5 093,9	16,48%
Lowest Daily Traded Volume(MWh)	23 511,9	24 875,0	1 363,1	5,80%
Highest Hourly Traded Volume (MWh)	1 520,1	2 048,0	527,9	34,73%
Lowest Hourly Traded Volume(MWh)	799,8	787,0	-12,8	-1,60%
Average Hourly Traded Volume (MWh)	1 135,7	1 252,3	116,6	10,27%

DAM - Weekdays	01-24 (Baseload)	01-24 (Baseload)		
Average Daily Traded Volume (MWh)	27 517,6	30 689,7	3 172,1	11,53%
DAM - Weekend	01-24 (Baseload)	01-24 (Baseload)		
Average Daily Traded Volume (MWh)	26 644,8	28 572,3	1 927,5	7,23%

DAM - Weekdays	09-20 (Peakload)	09-20 (Peakload)		
Average Daily Traded Volume (MWh)	13 651,4	15 343,7	1 692,4	12,40%
DAM - Weekend	09-20 (Peakload)	09-20 (Peakload)		
Average Daily Traded Volume (MWh)	13 073,1	13 634,6	561,5	4,30%

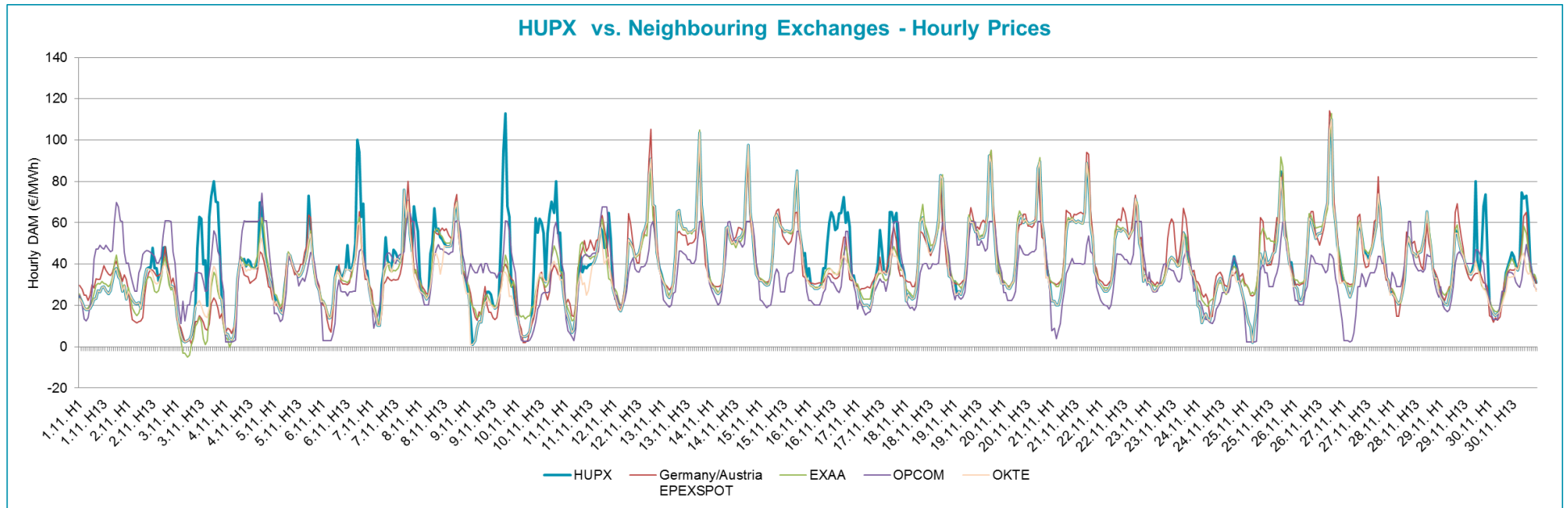
HUPX Prices and volumes



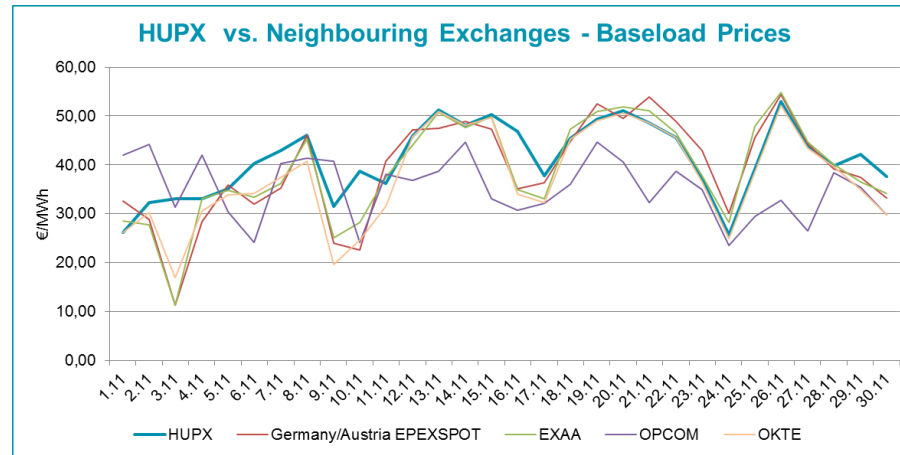
Note:

The bar chart shows the traded volumes in single hours in the examined period (01/11/2013-30/11/2013). 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 - 900 MWh, 900 – 1 000 MWh, 1 000 – 1 100 MWh, 1 100 – 1 200 MWh decreased, while the ratio increased regarding the 1 200 – 1 300 MWh, 1 300+ MWh.

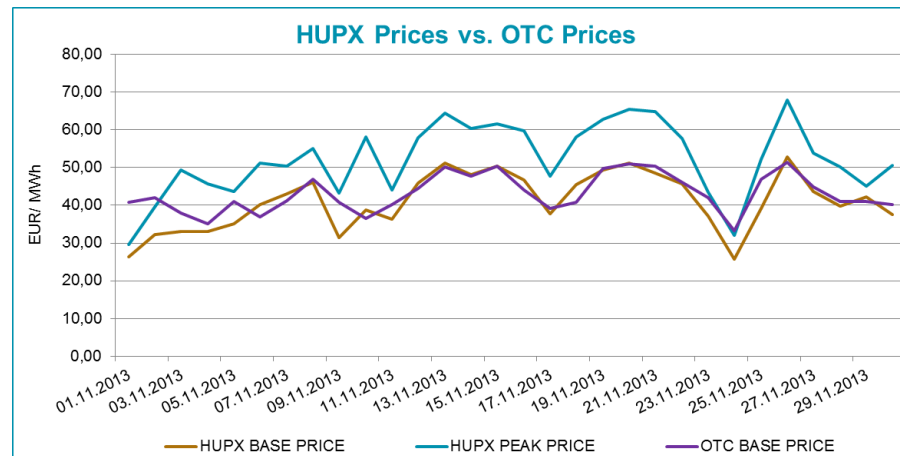
HUPX prices vs. Neighbouring Exchanges – Hourly Prices



HUPX prices vs. Neighbouring Exchanges – Base Prices



HUPX vs. OTC



Diff. BL.	HUPX↔OTC	-2,00
Diff. PL.	HUPX↔OTC	-1,92

Average of aggregated OFFERS/BIDS 01/11/2013-30/11/2013

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	1 673,2	1 382,9	1 256,5
H2	1 818,0	1 302,3	1 313,0
H3	1 979,2	1 210,7	1 375,6
H4	2 053,6	1 234,2	1 429,8
H5	1 917,5	1 236,2	1 329,5
H6	1 601,6	1 334,3	1 180,4
H7	1 628,1	1 456,4	1 124,5
H8	1 719,9	1 593,4	1 212,3
H9	1 633,6	1 514,3	1 212,1
H10	1 607,3	1 577,2	1 209,8
H11	1 602,7	1 589,9	1 207,2
H12	1 555,4	1 619,7	1 198,9
H13	1 573,3	1 623,3	1 200,6
H14	1 609,0	1 574,6	1 224,4
H15	1 626,0	1 571,7	1 213,7
H16	1 607,6	1 595,9	1 224,5
H17	1 471,9	1 775,1	1 266,2
H18	1 444,2	1 854,7	1 311,4
H19	1 470,2	1 774,0	1 301,3
H20	1 505,0	1 703,8	1 260,8
H21	1 577,8	1 734,1	1 240,2
H22	1 592,3	1 636,8	1 247,5
H23	1 592,7	1 585,6	1 248,5
H24	1 838,5	1 783,0	1 265,6
Σ	39 698,6	37 263,9	30 054,5

Base	
MIN (offer)	1 444,2
MAX (offer)	2 053,6
MIN (bid)	1 210,7
MAX (bid)	1 854,7
Average (offer)	1 654,1
Average (bid)	1 552,7

Peak	
MIN (offer)	1 444,2
MAX (offer)	1 633,6
MIN (bid)	1 514,3
MAX (bid)	1 854,7
Average (offer)	1 558,8
Average (bid)	1 647,8

Aggregated OFFERS/BIDS 01/11/2013-30/11/2013

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

Hour	Offers	Bids	Index volumes
H1	50 197,4	41 487,6	37 694,6
H2	54 538,9	39 068,4	39 390,0
H3	59 376,7	36 320,4	41 269,0
H4	61 606,9	37 025,6	42 894,1
H5	57 524,4	37 086,1	39 886,2
H6	48 048,6	40 030,2	35 411,7
H7	48 844,2	43 691,1	33 735,7
H8	51 596,7	47 802,4	36 370,1
H9	49 008,0	45 427,8	36 364,0
H10	48 219,2	47 315,2	36 293,9
H11	48 080,9	47 695,6	36 217,3
H12	46 661,2	48 590,1	35 968,2
H13	47 199,3	48 697,9	36 017,6
H14	48 271,2	47 237,8	36 730,8
H15	48 779,8	47 151,3	36 410,9
H16	48 226,6	47 876,9	36 733,5
H17	44 155,9	53 253,4	37 987,1
H18	43 326,8	55 639,8	39 342,0
H19	44 105,8	53 218,5	39 040,0
H20	45 150,5	51 115,4	37 824,7
H21	47 334,4	52 021,8	37 204,9
H22	47 767,5	49 104,9	37 426,1
H23	47 781,0	47 567,5	37 454,8
H24	55 154,6	53 490,1	37 967,7
Σ	1 190 956,5	1 117 915,8	901 634,9

Base	
MIN (offer)	43 326,8
MAX (offer)	61 606,9
MIN (bid)	36 320,4
MAX (bid)	55 639,8
Average (offer)	49 623,2
Average (bid)	46 579,8

Peak	
MIN (offer)	43 326,8
MAX (offer)	49 008,0
MIN (bid)	45 427,8
MAX (bid)	55 639,8
Average (offer)	46 765,4
Average (bid)	49 435,0