



Public data underlying the figures of Annual Report on the Results of Monitoring the Internal Electricity and Natural Gas Markets in 2012

November 2013

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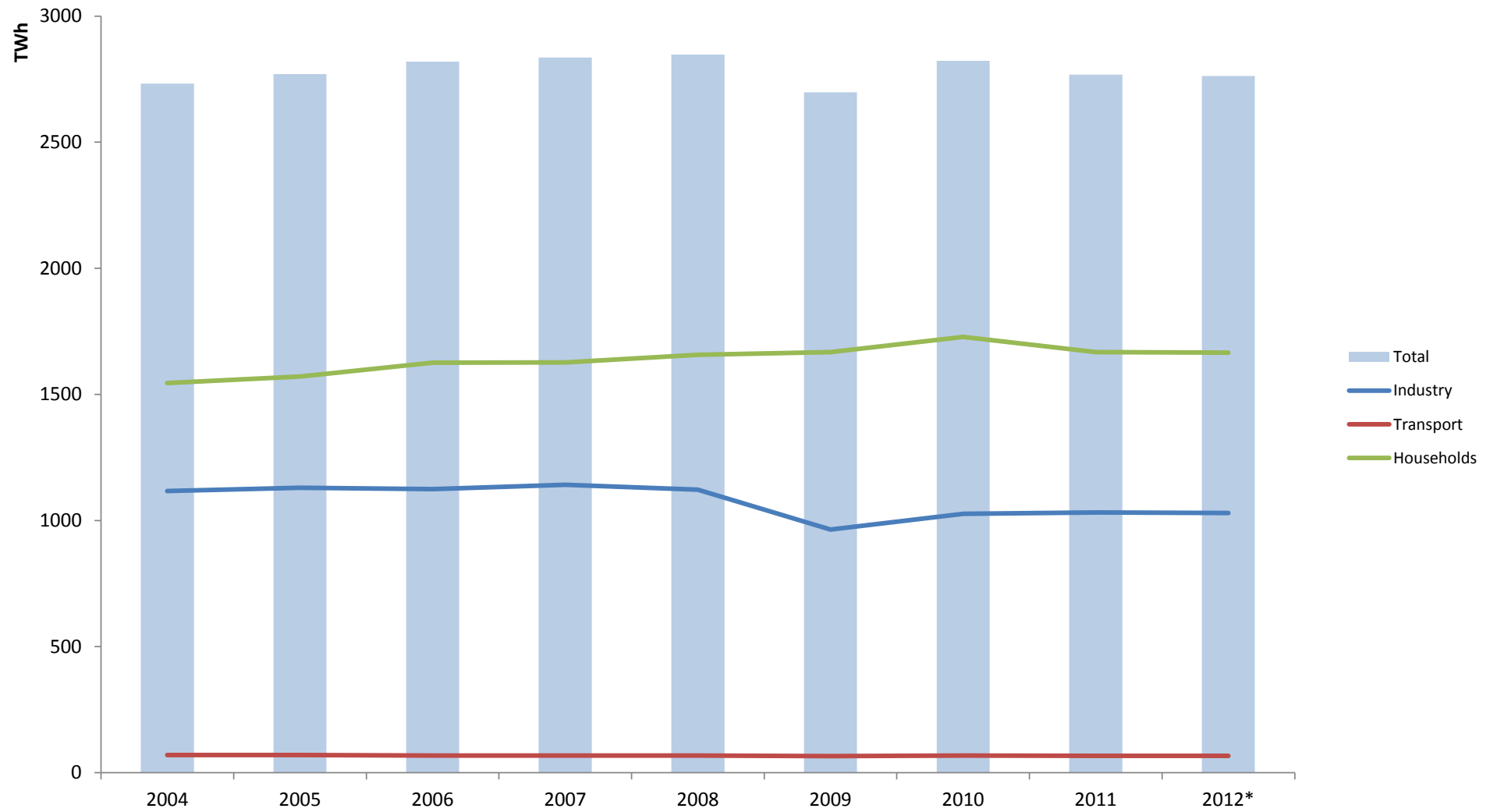
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Figure 1, page 20: Electricity demand in Europe – 2008 to 2012 (TWh)  
Source: ACER, based on Eurostat (8/8/2013)

Year	2008	2009	2010	2011	2012
Electricity demand	3190.865	3044.314	3105.746	3084.879	3086.369

## Electricity Consumption in EU 27



Source: Eurostat data and ACER calculations for 2012

Figure 3, page 22: Electricity POTP and PTP for households – Europe – 2012 (euro cents/kWh)  
Source: ACER, based on Eurostat (25/5/2013), DC: 2,500-5,000kWh

Country code	PTP	Taxes
EE	7.94	3.29
BG	7.96	1.59
RO	8.12	2.63
FR	10.34	4.31
LT	10.48	2.2
GR	10.72	3.46
LV	11.32	2.37
PT	11.74	8.89
PL	11.95	3.34
HU	12.26	3.31
DK	12.96	16.76
EU27	13.16	5.48
SK	14.04	3.18
ES	14.69	3.53
IT	15.31	7.75
MT	16.15	0.85
BE	16.84	5.39
CY	24.14	4.95
FI	10.97	4.62
SI	11.92	3.5
CZ	12.38	2.63
NO	12.66	5.09
EU27	13.16	5.48
SE	13.45	7.38
NL	13.77	5.18
AT	14.12	6.12
DE	14.32	12.44
LU	14.77	2.29
UK	17.01	0.84
IE	19.54	3.35

Figure 4, page 23: Electricity POTP and PTP for industrial consumers – Europe – 2012 (euro cents/kWh)  
Source: ACER, based on Eurostat (25/5/2013), DC: 2,500-5,000kWh

Country code	PTP	Taxes
FR	6.71	2.97
EE	6.82	2.99
BG	7.66	1.69
RO	8.28	2.24
EU27	9.76	4.77
HU	10.17	3.4
GR	10.28	3.53
ES	11.52	2.77
SK	12.27	2.98
IT	13.96	8.6
MT	18	0.9
CY	22.62	4.7
FI	6.73	2.42
NO	7.06	3.68
SE	7.7	2
DK	8.29	15.62
NL	8.55	3.04
SI	8.66	2.63
DE	8.78	8.49
AT	8.88	4.43
PL	9.07	2.69
BE	9.61	3.79
LU	9.7	1.04
EU27	9.76	4.77
PT	9.92	4.17
CZ	10.17	2.17
LV	11.03	2.43
LT	11.4	2.44
UK	11.56	2.87
IE	13.67	2.08

Figure 5, page 24: POTP compounded annual growth rate (CAGR) – Europe – 2008 to 2012 (%)

Source: ACER, based on Eurostat (25/5/2013), DC: 2,500-5,000 kWh; CAGR: The Compound Annual Growth Rate is calculated by taking the 4th root of the total percentage of the year-on-year growth rate for the analysed period (2008 to 2012,) i.e. as follows:  $\{(Ending\ Value/Beginning\ Value)^{(1/4)} - 1\}$ .

Country code	Households	Industrial Consumers
RO	-0.45363%	-0.93733%
HU	0.20895%	-1.27782%
IT	1.11439%	6.04468%
DK	2.44142%	2.37767%
BE	2.48804%	1.84181%
PL	3.64296%	1.32360%
SK	3.92773%	1.22029%
BG	4.09313%	4.94077%
FR	4.28055%	8.32908%
ES	5.66652%	5.05907%
GR	6.96224%	8.69783%
EE	7.46103%	8.63470%
MT	7.67937%	6.10749%
PT	7.76832%	10.51621%
LT	10.02642%	8.84278%
CY	10.47455%	9.47417%
LV	10.57310%	11.86643%
EU 27	3.47402%	4.40223%
LU	1.11817%	1.34734%
NL	1.27887%	-1.81894%
NO	2.29336%	1.34734%
AT	3.01493%	0.86688%
UK	3.16268%	3.82479%
CZ	3.89579%	-1.66177%
IE	3.97777%	-0.24337%
SE	4.51886%	2.00086%
DE	4.96048%	4.85048%
FI	5.63531%	3.54949%
SI	7.57345%	-0.36064%

Figure 7, page 32: Entry/exit activity in the household retail market – 4-year average – 2009 to 2012 (%)

Source: ACER analysis based on National Reports, NRAs' Reports and CEER National indicators database

Country code	The number of active suppliers
GR	77.73199%
BE	34.80689%
NI	29.82018%
DE	23.80627%
ES	22.81946%
PT	22.50000%
PL	17.70511%
LT	16.66667%
HU	15.00000%
IT	13.79601%
SI	13.60902%
NL	13.42831%
GB	12.23843%
AT	10.10509%
RO	8.33333%
LU	6.27451%
IE	5.55556%
FR	5.26316%
FI	4.10627%
SE	2.00000%
BG	0.00000%
CY	0.00000%
EE	0.00000%
MT	0.00000%



Figure 8, page 36: Average monthly saving from switching from the incumbent's standard offer to the lowest-priced offer on the market – capital cities – December 2012 (euros/month)

Source: ACER retail database (December 2012)

Country code	Difference incumbent standard price vs. minimum price (euros/month)
DE	41.60835
DK	18.13598988
IT	15.51225
SE	13.41334445
LU	13.07333333
BE	12.38233333
SI	11.484
NO	8.543832251
GB	7.970164609
IE	7.494666667
NI	6.277939747
PL	6.165414029
PT	5.699166667
NL	5.66885
FI	5.621333333
AT	5.296
CZ	4.44197668
SK	3.744
FR	2.524166667
ES	1.430833333

Figure 10: Number of electricity household consumers supplied under regulated prices in the EU-27 – 2008 to 2012 (millions)

Source: ACER, based on CEER national indicators database (12/9/2013)

Country code	2008	2009	2010	2011	2012
ES	24,173,317	23,155,477	21,803,984	19,837,576	15,929,716
SK	617,798	2,080,337	2,096,684	2,112,856	2,126,600
RO	8,179,188	8,249,943	8,322,862	8,379,207	8,437,104
PT	5,836,057	5,757,349	5,705,996	5,703,519	5,415,139
PL	13,598,016	13,598,016	13,598,016	14,965,127	14,948,786
NI	746,769	756,489	745,745	690,857	690,857
MT	200,703	215,374	212,729	225,496	225,496
LT	1,391,429	1,378,161	1,447,438	1,481,114	1,495,776
LV	995,000	1,003,158	1,011,218	1,000,755	1,000,755
IT	27,155,014	26,458,124	25,423,715	24,015,894	23,172,869
IE	1,974,757	1,598,924	1,312,093		
HU	5,042,332	5,090,750	5,081,752	5,110,672	5,100,026
GR	5,715,479	5,788,301	5,782,149	5,708,775	5,675,071
FR	29,106,000	28,700,000	28,615,000	28,773,000	28,466,000
EE	527,096	528,300	528,647	529,300	541,311
DK	2,355,264	2,355,264	2,355,264	2,337,500	2,200,000
CY	386,489	402,671	415,150	422,655	427,184
BG	4,292,375	4,913,000	4,610,332	4,307,664	4,356,863
BE					394,860

Figure 12, page 56: Energy component spread for a selection of countries with regulated prices – 2012 (euros)  
Source: ACER retail database (December 2012)

Country code	Regulated Energy Component Price	Minimum Energy Component price
BG	142	142
CY	784.4	784.4
EE	126	126
ES	323.9179492	310.4181131
FR	190	163
GR	279.0902577	279.0902577
LT	189.6	189.6
LV	470.3125962	470.3125962
MT	632.952381	632.952381
PL	269.4619859	207.817307
PT	279.0902577	222.5695965
RO	144.56	144.56
SK	333.12	295.68

Figure 18, page 67: Indexed yearly aggregation of hourly NTC values for a selection of 23 interconnectors (2008=100%)

Source: ENTSO-E, data provided by NRAs through the ERI (2013) and ACER calculations

Year	2008	2009	2010	2011	2012
%	100.0%	101.6%	103.2%	105.4%	108.5%

Figure 19, page: 68: Change of the average hourly NTC values in 2012 compared to 2008 for a selection of border directions (MW)

Source: ENTSO-E (2013), data provided by NRAs through ERI (2013), Regional reporting on electricity interconnection management and use in 2008, and ACER calculations

Border	Increase	% increase		
GB->NL	993.1	-		
NL->GB	993.1	-		
PT->ES	930.9	0.8		
PL->CZ+DE+SK	919.2	2.3		
BE->FR	746.7	0.8		
ES->FR	633.2	2.3		
CZ->DE_TENNET	459.5	0.5		
CZ->SK	453.3	0.4		
DE_TENNET->CZ	422.6	0.7		
CZ+PL->DE_50HZT	380.4	0.4		
FR->BE	367.3	0.1		
CZ->AT	359.8	0.9		
IT->CH	334.0	0.2		
AT->CZ	331.2	0.6		
ES->PT	321.3	0.3		
IE->GB	274.0	3.4		
GB->IE	150.0	0.3		
GB->FR	-374.7	-0.2		
FR->IT	-565.0	-0.2		
DE->CH	-611.9	-0.4		
FR->GB	-654.0	-0.3		
CH->FR	-698.9	-0.4		
DE->FR	-743.9	-0.2		
CH->DE	-745.0	-0.2		

Figure 35, page 104: Monthly average import NTC values on the Polish/German border – 2009 to 2012 (MW)

Source: ENTSO-E (2013) and ACER calculations

Year	Month	Monthly average import NTC (DE->PL)
2009	Jan	250.7
2009	Feb	353.1
2009	Mar	345.2
2009	Apr	486.5
2009	May	541.4
2009	Jun	594.0
2009	Jul	565.6
2009	Aug	371.4
2009	Sep	374.5
2009	Oct	292.4
2009	Nov	360.6
2009	Dec	381.3
2010	Jan	187.6
2010	Feb	165.8
2010	Mar	161.5
2010	Apr	175.3
2010	May	192.6
2010	Jun	234.0
2010	Jul	132.5
2010	Aug	102.4
2010	Sep	163.5
2010	Oct	112.9
2010	Nov	141.0
2010	Dec	264.1

2011	Jan	369.4
2011	Feb	302.8
2011	Mar	214.7
2011	Apr	294.0
2011	May	340.3
2011	Jun	340.3
2011	Jul	187.0
2011	Aug	135.9
2011	Sep	66.4
2011	Oct	83.1
2011	Nov	131.0
2011	Dec	5.4
2012	Jan	50.8
2012	Feb	87.8
2012	Mar	63.3
2012	Apr	3.2
2012	May	10.3
2012	Jun	21.4
2012	Jul	17.9
2012	Aug	16.8
2012	Sep	19.4
2012	Oct	15.8
2012	Nov	8.3
2012	Dec	0.8

Figure 37, page 108: Average MW and average numbers of hours curtailed per border – 2012 (hours and MW)

Source: Data provided by NRAs through the ERI (2013) and Agency calculations

Border	Average MW curtailed	Number of hours curtailed
GB-->NL	123.4	7.0
FR-->IT	43.7	20.0
AT-->CH	159.0	23.0
BG-->GR	56.0	24.0
GR-->BG	260.0	24.0
AT-->IT	125.8	29.0
PL-->SK	202.2	57.0
IT-->AT	73.0	58.0
FR-->CH	342.1	68.0
CH-->AT	347.8	72.0
ES-->FR	556.9	97.0
NL-->GB	269.6	107.0
FR-->ES	299.9	132.0
IT-->GR	499.9	207.5
RO-->HU	326.5	217.0
RO-->BG	134.5	221.0
GR-->IT	489.1	243.0
CH-->IT	265.5	691.0
FR-->GB	683.3	2476.5
GB-->FR	689.0	3061.0



Figure 39, page 110: Aggregated solar and wind generation in Europe – 2000 to 2012 (TWh)  
 Source: Eurostat (2013)

Year	2000	2001	2002	2003	2004	2005	2006
Wind power	22.3	26.7	36.3	44.4	58.9	70.4	82.3
Solar power	0.1	0.2	0.3	0.5	0.7	1.5	2.5

Year	2007	2008	2009	2010	2011	2012
Wind power	104.3	119.5	133.0	149.4	179.0	208.3
Solar power	3.8	7.4	14.0	22.5	45.0	71.2

Figure 40, page 111: Aggregated daily wind and solar production in Germany – 2012 (GWh)  
Source: The German TSOs (2013)

Date	Production (GWh)
01 January 2012	222.8
02 January 2012	219.3
03 January 2012	488.0
04 January 2012	512.0
05 January 2012	531.1
06 January 2012	308.0
07 January 2012	370.6
08 January 2012	239.6
09 January 2012	146.7
10 January 2012	201.6
11 January 2012	205.2
12 January 2012	456.5
13 January 2012	437.2
14 January 2012	212.3
15 January 2012	73.0
16 January 2012	89.6
17 January 2012	107.4
18 January 2012	257.1
19 January 2012	285.9
20 January 2012	267.6
21 January 2012	336.6
22 January 2012	435.5
23 January 2012	134.0
24 January 2012	50.2
25 January 2012	70.9
26 January 2012	239.9
27 January 2012	109.7
28 January 2012	37.2
29 January 2012	83.6
30 January 2012	204.5
31 January 2012	241.3
01 February 2012	244.0
02 February 2012	123.1
03 February 2012	83.8
04 February 2012	65.4
05 February 2012	109.4

06 February 2012	90.8
07 February 2012	114.8
08 February 2012	136.3
09 February 2012	149.0
10 February 2012	89.0
11 February 2012	77.9
12 February 2012	106.4
13 February 2012	38.5
14 February 2012	138.1
15 February 2012	444.7
16 February 2012	163.4
17 February 2012	221.2
18 February 2012	256.4
19 February 2012	307.4
20 February 2012	209.5
21 February 2012	343.5
22 February 2012	351.5
23 February 2012	376.1
24 February 2012	414.8
25 February 2012	349.5
26 February 2012	140.1
27 February 2012	124.8
28 February 2012	246.2
29 February 2012	113.4
01 March 2012	102.1
02 March 2012	77.1
03 March 2012	163.6
04 March 2012	108.8
05 March 2012	190.2
06 March 2012	145.5
07 March 2012	229.5
08 March 2012	197.8
09 March 2012	214.0
10 March 2012	274.0
11 March 2012	226.6
12 March 2012	234.1
13 March 2012	152.1
14 March 2012	125.9
15 March 2012	122.3
16 March 2012	187.0
17 March 2012	170.1
18 March 2012	214.6
19 March 2012	240.1
20 March 2012	256.3
21 March 2012	162.0
22 March 2012	156.7
23 March 2012	135.7

24 March 2012	131.8
25 March 2012	NA
26 March 2012	151.6
27 March 2012	221.9
28 March 2012	312.6
29 March 2012	438.9
30 March 2012	403.9
31 March 2012	448.7
01 April 2012	352.2
02 April 2012	274.4
03 April 2012	148.0
04 April 2012	181.9
05 April 2012	92.3
06 April 2012	113.7
07 April 2012	254.7
08 April 2012	143.5
09 April 2012	260.7
10 April 2012	296.9
11 April 2012	114.2
12 April 2012	106.3
13 April 2012	115.2
14 April 2012	117.4
15 April 2012	196.9
16 April 2012	242.2
17 April 2012	237.3
18 April 2012	213.8
19 April 2012	213.7
20 April 2012	132.7
21 April 2012	190.5
22 April 2012	174.8
23 April 2012	197.9
24 April 2012	143.6
25 April 2012	256.0
26 April 2012	348.4
27 April 2012	223.8
28 April 2012	248.0
29 April 2012	241.5
30 April 2012	232.5
01 May 2012	250.5
02 May 2012	230.2
03 May 2012	162.6
04 May 2012	202.2
05 May 2012	122.2
06 May 2012	96.5
07 May 2012	107.7
08 May 2012	220.6
09 May 2012	200.0

10 May 2012	286.3
11 May 2012	349.1
12 May 2012	330.2
13 May 2012	191.9
14 May 2012	256.3
15 May 2012	210.8
16 May 2012	317.9
17 May 2012	269.5
18 May 2012	264.6
19 May 2012	194.1
20 May 2012	228.4
21 May 2012	247.0
22 May 2012	232.7
23 May 2012	237.5
24 May 2012	310.1
25 May 2012	297.4
26 May 2012	258.8
27 May 2012	165.4
28 May 2012	184.7
29 May 2012	273.6
30 May 2012	188.0
31 May 2012	152.8
01 June 2012	316.0
02 June 2012	264.7
03 June 2012	108.9
04 June 2012	139.2
05 June 2012	211.8
06 June 2012	149.2
07 June 2012	162.2
08 June 2012	254.8
09 June 2012	342.0
10 June 2012	179.1
11 June 2012	132.6
12 June 2012	138.1
13 June 2012	156.1
14 June 2012	143.9
15 June 2012	198.2
16 June 2012	232.2
17 June 2012	278.8
18 June 2012	300.8
19 June 2012	159.4
20 June 2012	125.7
21 June 2012	175.2
22 June 2012	284.5
23 June 2012	282.0
24 June 2012	290.6
25 June 2012	404.1

26 June 2012	322.1
27 June 2012	169.9
28 June 2012	183.3
29 June 2012	214.0
30 June 2012	201.4
01 July 2012	176.6
02 July 2012	119.7
03 July 2012	106.9
04 July 2012	172.6
05 July 2012	189.2
06 July 2012	155.4
07 July 2012	139.8
08 July 2012	222.6
09 July 2012	321.3
10 July 2012	207.8
11 July 2012	226.6
12 July 2012	277.5
13 July 2012	159.6
14 July 2012	236.3
15 July 2012	168.2
16 July 2012	250.4
17 July 2012	244.3
18 July 2012	263.9
19 July 2012	350.9
20 July 2012	218.1
21 July 2012	178.2
22 July 2012	172.6
23 July 2012	242.8
24 July 2012	228.6
25 July 2012	166.1
26 July 2012	187.7
27 July 2012	203.6
28 July 2012	160.6
29 July 2012	163.4
30 July 2012	220.5
31 July 2012	168.3
01 August 2012	212.9
02 August 2012	222.8
03 August 2012	153.7
04 August 2012	153.2
05 August 2012	134.7
06 August 2012	199.4
07 August 2012	286.5
08 August 2012	207.9
09 August 2012	169.7
10 August 2012	170.0
11 August 2012	164.4

12 August 2012	246.7
13 August 2012	255.0
14 August 2012	220.8
15 August 2012	239.0
16 August 2012	130.3
17 August 2012	165.6
18 August 2012	224.9
19 August 2012	220.8
20 August 2012	206.6
21 August 2012	147.3
22 August 2012	268.8
23 August 2012	209.2
24 August 2012	93.7
25 August 2012	210.8
26 August 2012	319.3
27 August 2012	220.1
28 August 2012	188.7
29 August 2012	147.9
30 August 2012	99.8
31 August 2012	115.1
01 September 2012	113.7
02 September 2012	133.1
03 September 2012	107.8
04 September 2012	158.5
05 September 2012	144.2
06 September 2012	196.2
07 September 2012	275.5
08 September 2012	188.4
09 September 2012	197.9
10 September 2012	216.5
11 September 2012	196.0
12 September 2012	110.5
13 September 2012	123.8
14 September 2012	364.7
15 September 2012	203.4
16 September 2012	209.8
17 September 2012	183.9
18 September 2012	216.2
19 September 2012	206.8
20 September 2012	210.6
21 September 2012	196.5
22 September 2012	217.1
23 September 2012	161.0
24 September 2012	306.7
25 September 2012	253.8
26 September 2012	151.2
27 September 2012	209.8

28 September 2012	236.4
29 September 2012	211.8
30 September 2012	215.3
01 October 2012	148.8
02 October 2012	187.1
03 October 2012	270.2
04 October 2012	231.8
05 October 2012	343.7
06 October 2012	229.4
07 October 2012	225.4
08 October 2012	191.9
09 October 2012	213.4
10 October 2012	126.2
11 October 2012	130.4
12 October 2012	203.0
13 October 2012	247.6
14 October 2012	195.1
15 October 2012	153.1
16 October 2012	285.3
17 October 2012	244.2
18 October 2012	240.0
19 October 2012	187.6
20 October 2012	128.2
21 October 2012	118.8
22 October 2012	89.9
23 October 2012	45.9
24 October 2012	31.6
25 October 2012	150.6
26 October 2012	107.6
27 October 2012	126.9
28 October 2012	96.7
29 October 2012	234.4
30 October 2012	117.6
31 October 2012	215.3
01 November 2012	243.3
02 November 2012	323.7
03 November 2012	217.8
04 November 2012	175.1
05 November 2012	201.9
06 November 2012	265.8
07 November 2012	368.7
08 November 2012	300.8
09 November 2012	141.0
10 November 2012	139.7
11 November 2012	118.5
12 November 2012	108.8
13 November 2012	117.4



14 November 2012	77.7
15 November 2012	34.7
16 November 2012	34.6
17 November 2012	100.5
18 November 2012	51.7
19 November 2012	84.5
20 November 2012	86.7
21 November 2012	156.6
22 November 2012	197.9
23 November 2012	178.2
24 November 2012	67.9
25 November 2012	384.7
26 November 2012	163.8
27 November 2012	56.0
28 November 2012	37.9
29 November 2012	178.0
30 November 2012	80.8
01 December 2012	113.3
02 December 2012	75.7
03 December 2012	146.4
04 December 2012	271.3
05 December 2012	124.9
06 December 2012	186.3
07 December 2012	142.7
08 December 2012	55.6
09 December 2012	302.4
10 December 2012	207.3
11 December 2012	143.9
12 December 2012	53.9
13 December 2012	76.2
14 December 2012	218.1
15 December 2012	227.2
16 December 2012	134.1
17 December 2012	59.8
18 December 2012	33.7
19 December 2012	27.9
20 December 2012	198.1
21 December 2012	160.4
22 December 2012	120.9
23 December 2012	259.6
24 December 2012	258.6
25 December 2012	331.9
26 December 2012	350.6
27 December 2012	325.2
28 December 2012	169.9
29 December 2012	330.8
30 December 2012	436.9

31 December 2012
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463.8
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Figure 41, page 111: Hourly wind power production in Germany for a selection of days in 2012 (GWh)

Source: The German TSOs (2013)

Date	Hour	Wind power production
21 January 2012	1	6.6
21 January 2012	2	6.3
21 January 2012	3	5.9
21 January 2012	4	5.6
21 January 2012	5	5.9
21 January 2012	6	6.6
21 January 2012	7	7.3
21 January 2012	8	8.9
21 January 2012	9	11.1
21 January 2012	10	13.2
21 January 2012	11	15.1
21 January 2012	12	16.9
21 January 2012	13	18.6
21 January 2012	14	19.2
21 January 2012	15	19.3
21 January 2012	16	19.2
21 January 2012	17	18.9
21 January 2012	18	19.0
21 January 2012	19	18.8
21 January 2012	20	18.1
21 January 2012	21	18.4
21 January 2012	22	17.7
21 January 2012	23	18.3
21 January 2012	24	18.4
14 February 2012	1	1.3
14 February 2012	2	1.1
14 February 2012	3	1.2
14 February 2012	4	1.3
14 February 2012	5	1.5
14 February 2012	6	1.8
14 February 2012	7	2.1
14 February 2012	8	2.3
14 February 2012	9	2.5
14 February 2012	10	2.3
14 February 2012	11	2.1

14 February 2012	12	2.3
14 February 2012	13	2.7
14 February 2012	14	3.8
14 February 2012	15	4.7
14 February 2012	16	5.3
14 February 2012	17	6.0
14 February 2012	18	6.9
14 February 2012	19	8.2
14 February 2012	20	10.0
14 February 2012	21	12.0
14 February 2012	22	13.9
14 February 2012	23	15.8
14 February 2012	24	17.4
05 October 2012	1	8.0
05 October 2012	2	7.5
05 October 2012	3	7.1
05 October 2012	4	7.1
05 October 2012	5	6.6
05 October 2012	6	6.9
05 October 2012	7	7.7
05 October 2012	8	8.0
05 October 2012	9	8.4
05 October 2012	10	9.1
05 October 2012	11	10.9
05 October 2012	12	13.5
05 October 2012	13	15.8
05 October 2012	14	18.4
05 October 2012	15	20.4
05 October 2012	16	20.4
05 October 2012	17	20.5
05 October 2012	18	19.5
05 October 2012	19	17.7
05 October 2012	20	15.6
05 October 2012	21	13.4
05 October 2012	22	11.5
05 October 2012	23	10.4
05 October 2012	24	9.6
06 November 2012	1	6.0
06 November 2012	2	5.6
06 November 2012	3	5.4
06 November 2012	4	5.2
06 November 2012	5	4.9
06 November 2012	6	4.7
06 November 2012	7	4.5
06 November 2012	8	4.4
06 November 2012	9	4.4
06 November 2012	10	4.3

06 November 2012	11	4.4
06 November 2012	12	5.5
06 November 2012	13	7.2
06 November 2012	14	8.6
06 November 2012	15	9.6
06 November 2012	16	10.1
06 November 2012	17	10.8
06 November 2012	18	12.5
06 November 2012	19	14.5
06 November 2012	20	16.4
06 November 2012	21	18.0
06 November 2012	22	18.8
06 November 2012	23	19.0
06 November 2012	24	19.3
14 December 2012	1	4.1
14 December 2012	2	4.0
14 December 2012	3	4.1
14 December 2012	4	4.1
14 December 2012	5	4.2
14 December 2012	6	3.9
14 December 2012	7	3.7
14 December 2012	8	3.7
14 December 2012	9	4.2
14 December 2012	10	4.7
14 December 2012	11	5.2
14 December 2012	12	5.7
14 December 2012	13	6.1
14 December 2012	14	7.0
14 December 2012	15	8.6
14 December 2012	16	10.5
14 December 2012	17	12.5
14 December 2012	18	14.4
14 December 2012	19	16.1
14 December 2012	20	17.1
14 December 2012	21	17.6
14 December 2012	22	17.6
14 December 2012	23	16.7
14 December 2012	24	16.0
27 December 2012	1	15.8
27 December 2012	2	16.6
27 December 2012	3	17.3
27 December 2012	4	19.1
27 December 2012	5	20.3
27 December 2012	6	20.4
27 December 2012	7	20.4
27 December 2012	8	19.8
27 December 2012	9	18.8

27 December 2012	10	17.8
27 December 2012	11	17.1
27 December 2012	12	16.5
27 December 2012	13	14.6
27 December 2012	14	12.0
27 December 2012	15	9.4
27 December 2012	16	7.4
27 December 2012	17	6.3
27 December 2012	18	5.6
27 December 2012	19	5.5
27 December 2012	20	5.6
27 December 2012	21	6.2
27 December 2012	22	6.4
27 December 2012	23	6.6
27 December 2012	24	6.7

Figure 42, page 112: Percentage of energy loss due to curtailment of wind-generated energy at national level – 2010 to 2012 (%)

Source: CEER National Indicators (2013)

Member State	Year	Percentage of energy loss
Italy	2010	5.6%
Italy	2011	2.3%
Italy	2012	1.0%
Ireland	2011	2.7%
Ireland	2012	2.8%
UK	2010	0.0%
UK	2011	1.8%
UK	2012	0.5%
Germany	2010	0.3%
Germany	2011	0.9%
Germany	2012	0.8%
Spain	2010	0.8%
Spain	2011	0.2%
Spain	2012	0.3%
Poland	2010	0.1%
Poland	2011	0.8%
Poland	2012	0.1%
France	2010	0.0%
France	2011	0.0%
France	2012	0.0%

Figure 43, page 131: Gas demand in the EU-27 – 2008 to 2012 (TWh)

Source: ACER, based on Eurostat (26/6/2013)

Year	2008	2009	2010	2011	2012
Demand	5685.5	5354.0	5717.3	5120.3	4910.2



Figure 44, page 132: Percentage of households with natural gas, average annual gas consumption per household and overall household consumption in 2011

Source: ACER, based on Eurostat (30/5/2013) and CEER National Indicators (2012)

Country	Country	% of households with natural gas	Average annual gas consumption per household (EU27=100)	Overall natural gas household consumption (Terajoules)
BE	Belgium	0.6	106.0	129,801
BG	Bulgaria	0.0	101.7	2,603
CZ	Czech Republic	0.6	78.6	93,152
DE	Germany (including former GDR from 1991)	0.3	149.4	791,724
EE	Estonia	0.1	107.1	2,404
IE	Ireland	0.4	94.4	26,429
GR	Greece	0.1	137.9	16,189
ES	Spain	0.4	60.0	194,632
FR	France	0.4	110.5	524,676
IT	Italy	0.8	97.5	836,877
LV	Latvia	0.5	25.7	4,970
LT	Lithuania	0.4	27.4	6,735
LU	Luxembourg	0.4	241.2	8,753
HU	Hungary	0.9	93.4	137,996
NL	Netherlands	0.9	104.0	327,081
AT	Austria	0.3	97.5	55,390
PL	Poland	0.5	52.0	150,523
PT	Portugal	0.3	21.0	12,001
RO	Romania	0.4	82.7	108,483
SI	Slovenia	0.1	100.5	5,268
SK	Slovakia	0.7	86.3	54,556
FI	Finland	0.0	114.5	1,484
SE	Sweden	0.0	217.1	3,232
UK	United Kingdom	0.8	106.5	1,054,695

Figure 46, page 134: Gas POTP and PTP for households – EU-27 – 2012 (euro cents/kWh)  
Source: Eurostat (30/5/2013)

Country code	PTP	Taxes
RO	1.44	1.29
LV	4.25	1.12
PL	4.25	0.98
SK	4.29	0.86
BG	4.38	0.88
LT	4.63	0.98
HU	4.69	1.26
EU27	4.91	1.39
IT	5.11	2.58
IE	5.37	1.06
DK	5.43	5.65
FR	5.49	1.10
BE	5.66	1.46
ES	6.10	1.30
PT	6.38	1.59
GR	8.43	1.74
FI	0.00	0.00
EE	4.01	1.09
UK	5.24	0.27
LU	5.17	0.61
EU27	4.91	1.39
DE	4.81	1.62
CZ	5.50	1.10
NL	5.02	3.03
SI	5.92	1.72
AT	5.62	1.96
SE	6.55	5.66

Figure 47, page 135: Gas POTP and PTP for industrial consumption – EU-27 – 2012 (euro cents/kWh)  
Source: ACER, based on Eurostat (30/5/2013)

Country code	PTP	Taxes
RO	1.92	1.34
PL	3.56	0.82
LV	3.70	0.97
EU27	3.65	1.08
FR	3.78	0.83
BG	3.80	0.77
UK	3.04	0.77
NL	3.05	1.39
CZ	3.25	0.80
BE	3.34	0.86
EE	3.48	0.87
AT	3.53	1.70
DK	3.56	5.17
EU27	3.65	1.08
ES	3.68	0.69
IE	3.70	0.73
IT	3.81	0.93
SK	3.91	0.94
FI	3.94	1.90
PT	4.09	0.96
DE	4.40	1.32
SE	4.47	5.14
LT	4.55	0.95
HU	4.99	1.49
LU	5.04	0.36
SI	5.20	1.58
GR	5.23	1.29

Figure 48, page 136: POTP compounded annual growth rate (CAGR) – EU-27 – 2008 to 2012 (%)

Source: ACER, based on Eurostat (30/5/2013)

Country code	Households	Industrials
RO	-0.05	-0.01
IE	0.02	0.00
BE	0.02	-0.01
PL	0.03	0.03
I	0.03	0.04
SK	0.04	0.00
DK	0.04	0.04
FR	0.05	0.02
PT	0.06	0.11
ES	0.07	0.06
LV	0.07	0.04
HU	0.08	0.09
BG	0.09	0.13
LT	0.12	0.05
GR	-	-
EU27	0.03	0.04
DE	-0.02	0.00
LU	0.02	0.07
NL	0.03	0.00
SI	0.05	0.08
SE	0.06	0.04
UK	0.06	0.02
AT	0.06	-
CZ	0.08	-0.01
EE	0.10	0.07
FI	-	0.11

Figure 53, page 145: Entry/exit activity in the household retail market – 4-year average – 2009 to 2012 (%)

Source: ACER analysis based on CEER National Indicators (2012), NRA country reports for Denmark, Finland, the Czech Republic, Luxembourg, Poland, Sweden, and NRA national monitoring reports

Country code	The number of active suppliers
DE	0.36
SK	0.32
NL	0.21
CZ	0.18
IE	0.17
ES	0.13
FI	0.10
DK	0.10
PT	0.10
FR	0.09
GB	0.09
BE	0.08
SI	0.06
SE	0.05
HU	0.04
EE	0.04
IT	0.03
AT	0.03
GR	0.00
LV	0.00
LT	0.00
LU	0.00
PL	0.00

Figure 55, page 150: Average monthly saving from switching from the incumbent's standard offer to the lowest priced offer on the market – capital – December 2012 (euros/month)

Source: Agency analysis based on the ACER retail database (December 2012)

Country code	Savings
DE	55
BE	21
UK	17
IE	16
AT	15
NL	15
IT	13
FR	10
PT	7
LU	7
CZ	7
DK	7
ES	5
SK	5
SE	4
SI	3
HU	1
BG	0
EE	0
FI	0
GR	0
LT	0
LV	0
PL	0
RO	0

Figure 56, page 151: Average monthly saving from switching from the incumbent's standard offer to the lowest priced offer on the market in the capital as of December 2012 compared to the country's overall switching rate – 2012 (%)

Source: Agency analysis based on ACER retail database (December 2012) and CEER National Indicators database

Country code	Difference between lowest and standard tariff	Switching rates
DE	58.1%	5.5%
AT	16.0%	1.7%
BE	20.8%	16.8%
UK	21.7%	10.5%
IE	18.7%	17.0%
NL	15.3%	9.8%
IT	10.9%	4.5%
FR	10.7%	4.9%
PT	7.8%	6.5%
LU	7.5%	0.0%
CZ	9.8%	11.9%
DK	5.1%	3.2%
ES	5.7%	6.0%
SK	7.1%	9.3%
SI	3.1%	8.5%
SE	2.6%	0.5%
EE	0.0%	9.0%
HU	1.9%	1.5%

Figure 59, page 165: Number of gas household consumers supplied under regulated prices in the EU-27 – 2008 to 2012 (millions)

Source: CEER National Indicators (2013) and Danish energy regulator

Country code	2008	2009	2010	2011	2012
IT	18.03	18.65	18.48	17.27	17.27
FR	9.94	9.95	9.40	9.19	8.93
PO	6.50	6.41	6.43	6.50	6.53
HU	3.29	3.30	3.33	3.32	3.21
RO	2.67	2.77	2.86	2.94	3.02
SP	3.86	3.34	3.00	2.58	2.28
SK	1.40	1.41	1.41	1.42	1.42
PT	1.08	1.13	1.17	1.20	1.18
LI	0.54	0.55	0.55	0.55	0.55
LV	0.43	0.42	0.43	0.43	0.43
HE	0.19	0.22	0.23	0.26	0.26
NI	0.11	0.12	0.13	0.14	0.14
BG	0.04	0.05	0.06	0.06	0.06
AT	0.00	0.00	0.00	0.00	0.00
CY	0.00	0.00	0.00	0.00	0.00
CZ	0.00	0.00	0.00	0.00	0.00
EE	0.05	0.00	0.00	0.00	0.00
FI	0.00	0.00	0.00	0.00	0.00
SI	0.00	0.00	0.00	0.00	0.00
SE	0.00	0.00	0.00	0.00	0.00
NL	0.00	0.00	0.00	0.00	0.00
BE	0.00	0.00	0.00	0.29	0.22
DK	0.34	0.34	0.34	0.34	0.32
DE	0.00	0.00	0.00	0.00	0.00
GB	0.00	0.00	0.00	0.00	0.00
IE	0.59	0.61	0.53	0.46	0.41
LU	0.00	0.00	0.00	0.00	0.00



Figure 61, page 177: EU-27 gross inland gas consumption: 2012-2011 percentage variation (TWh/year)  
Source: ACER based on Eurostat (26/06/2013)252. Those countries where demand increased in 2012 compared to 2011 are shown in blue

Country code	EU MS gas consumption in 2012
DE	868.8
UK	855.9
IT	793.0
FR	470.2
NE	422.1
SP	365.0
BE	185.2
PL	175.7
RO	143.8
HU	110.8
AT	94.8
CZ	86.7
SK	69.6
IE	53.5
PT	52.0
GR	47.4
DK	42.6
FI	38.7
LT	34.3
BG	27.5
LV	15.7
LU	13.5
SE	12.0
SI	8.4
EE	6.4

Figure 74, page 204: LNG versus total gas consumption in a selection of EU MSs in 2012 – GWh/year

Source: BP Statistical Review 2013 and IEA

Country	Total MS gas consumption	Total LNG imports (% of LNG imports over total consumption)
United Kingdom	855,876	144,869
Italy	792,956	75,488
France	470,176	109,214
Netherlands	422,136	8,480
Spain	365,014	226,555
Belgium	185,196	48,121
Greece	47,377	13,780

Figure 75, page 206: Estimated market share of the main natural gas supplier(s) – 2012

Source: ACER/CEER, BP Statistical Report 2013, Eurostat, and CEER National Indicators

Country code	1st supply origin country	2nd supply origin country	Other supply origins
BG	100%	0%	0%
EE	100%	0%	0%
FI	100%	0%	0%
LV	100%	0%	0%
LT	100%	0%	0%
SE	100%	0%	0%
DK	96%	4%	0%
SK	95%	5%	0%
IE	93%	7%	0%
RO	80%	17%	4%
CZ	66%	34%	0%
AT	62%	21%	17%
GR	59%	26%	15%
NL	58%	22%	20%
PL	54%	34%	12%
LU	52%	48%	0%
PT	52%	45%	3%
HU	49%	19%	32%
SI	46%	33%	21%
SP	40%	15%	45%
FR	40%	20%	41%
UK	37%	34%	28%
BE	37%	31%	33%
DE	35%	35%	30%
IT	31%	20%	49%

Figure 78, page 209: Percentage of days when gas flowed against price differentials at specific hubs – 2011 and 2012 (%)

Source: EC Quarterly Reports on European Gas Markets

Border	% of days
AT - DE	49%
NL-UK	22%
BE-NL (H+L gas)	7%
BE-NL (H gas)	6%
BE-UK	4%
PEG S-PEG N	1%
AT-IT	0%