

Monthly statistics



October 2014

European Network of
Transmission System Operators
for Electricity

entsoe

Monthly provisional values as of 9 March 2015

Data Expert Group

Monthly statistics - October 2014

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Monthly provisional values from the ENTSO-E statistical database as of 9 March 2015.

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General remarks and abbreviations used in the tables

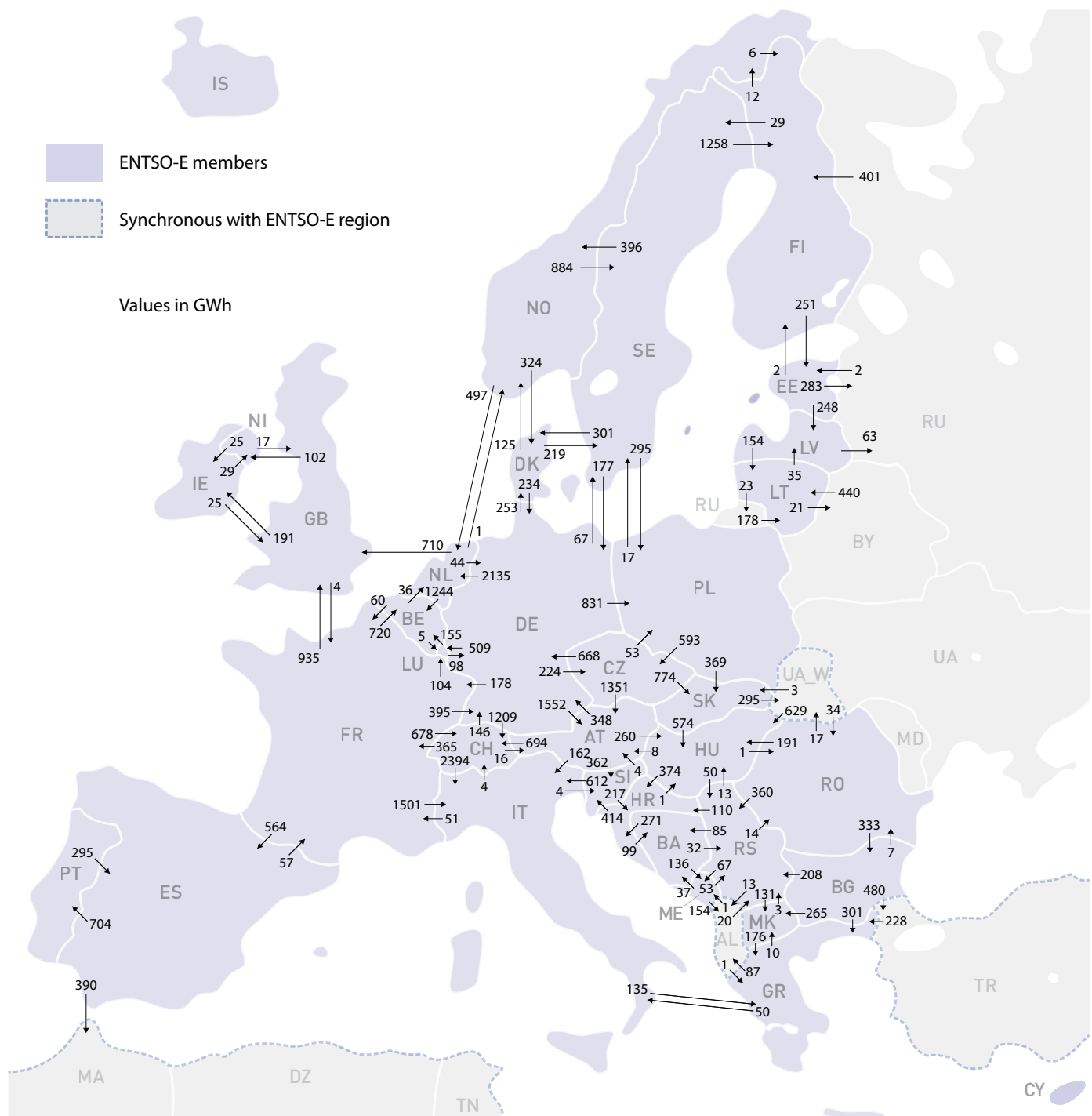
- Definitions of terms used in this report are available at <https://emr.entsoe.eu/>.
- All values of generation and consumption on page 4, 11 and 12 are calculated to represent 100% of the national values.
- All data with the country code GB represents monthly statistical data as sum of England, Scotland and Wales.
- All data with the country code NI represents the monthly statistical data of the Northern Ireland.
- CET: Central European Time.

1. Electricity supply situation of the countries

		Net generation (GWh)																	Exch. Balance (GWh)	Pumping (GWh)	Consumption			
		Nuclear	Fossil fuels							Hydro power			Renewables					Not clearly identi- fiable			Σ	(GWh)	var. (%)	(Compared to 1 year before)
			Σ	Lignite	Hard coal	Gas	Oil	Mixed	Other	Σ	Renew.	Other	Σ	Wind	Solar	Biomass	Other							
AT ¹	0	1 123	0	482	409	23	0	209	3 063	2 690	373	435	202	0	0	233	872	5 493	1 087	533	6 047	2.5		
BA	0	831	831	0	0	0	0	0	372	372	0	0	0	0	0	0	0	1 203	- 218	0	985	-1.7		
BE ²	1 618	2 452	0	457	1 992	3	0	0	123	23	100	1 067	447	166	454	0	0	5 260 ³	2 026	134	7 152	-4.3		
BG ²	964	1 952	1 641	218	93	0	0	0	486	465	21	234	133	90	11	0	0	3 636	- 932	31	2 673	0.9		
CH	2 441	182	0	0	0	0	0	182	2 963	0	2 963	173	11	0	0	162	0	5 759 ³	- 335	143	5 281	-0.2		
CY	0	326	0	0	0	326	0	0	0	0	0	12	12	0	0	0	0	338	n.a.	0	338	6.3		
CZ	2 873	3 753	2 989	367	384	3	0	10	339	238	101	508	38	114	151	205	0	7 473 ³	-2 083	132	5 258	-1.1		
DE ⁴	8 784	28 125	13 990	9 670	3 039	154	1 272	0	2 063	1 368	695	9 484	4 324	1 942	3 117	101	0	48 456 ³	-4 851	739	42 866	-3.8		
DK	0	1 204	0	893	309	2	0	0	1	1	0	1 349	1 121	25	203	0	0	2 554 ³	83	0	2 637	-6.8		
EE	0	847	0	0	0	0	0	847	1	1	0	128	63	0	65	0	0	976	- 281	0	695	5.1		
ES	5 140	9 751	655	3 908	4 391	797	0	0	1 900	1 612	288	4 808	3 399	932	477	0	21	21 620	- 304	408	20 908	-0.5		
FI	2 044	1 670	0	834	498	20	318	0	929	929	0	1 109	133	0	976	0	73	5 825	1 369	0	7 194	1.5		
FR	32 803	2 512	0	1 068	998	446	0	0	3 801	3 308	493	2 252	1 265	479	508	0	0	41 368	-4 304	705	36 359	-1.9		
GB ²	3 856	16 629	0	8 844	7 781	4	0	0	560	302	258	2 384	2 384	0	0	0	0	23 429	1 385	327	28 008	4.3		
GR	0	2 151	1 820	0	331	0	0	0	371	36	335	668	335	316	17	0	0	3 190	695	17	3 868	-4.4		
HR	0	194	0	157	36	0	1	0	645	645	0	59	59	0	0	0	0	898	451	12	1 337	-0.9		
HU	1 087	886	529	67	286	4	0	0	25	25	0	186	42	1	143	0	0	2 184	1 234	0	3 418	2.6		
IE	0	1 434	234	324	869	1	0	6	63	36	27	509	483	0	0	26	0	2 006	164	48	2 122	-4.4		
IS	0	0	0	0	0	0	0	0	1 119	1 119	0	422	1	0	0	421	0	1 541	n.a.	0	1 541	2.3		
IT	0	14 843	0	3 195	8 667	1 783	1 198	0	3 363	3 195	168	3 816	993	1 811	538	474	0	22 022	4 525	169	26 378	0.1		
LT	0	144	0	0	122	0	6	16	96	25	71	100	60	5	35	0	0	340	693	93	940	3.3		
LU	0	202	0	0	202	0	0	0	110	5	105	13	6	3	4	0	5	330	364	142	552	-1.4		
LV	0	242	0	0	188	0	54	0	133	133	0	70	12	0	29	29	0	445	192	0	637	1.1		
ME	0	127	127	0	0	0	0	0	254	127	127	0	0	0	0	0	0	381	- 40	0	341	34.8		
MK	0	285	284	0	1	0	0	0	118	0	118	8	8	0	0	0	0	411	212	0	623	-2.5		
NI	0	486	0	97	389	0	0	0	1	0	1	174	164	0	6	4	0	661	96	0	757	1.2		
NL	379	7 848	0	0	0	0	0	7 848	5	5	0	601	202	10	389	0	0	8 833	648	0	9 481	-3.9		
NO	0	326	0	0	326	0	0	0	11 293	11 293	0	249	249	0	0	0	0	11 868	-1 244	176	10 448	-0.7		
PL	0	11 327	4 218	5 939	417	0	0	753	194	161	33	1 134	532	1	601	0	0	12 655 ³	198	52	12 801	0.7		
PT	0	1 719	0	1 159	546	10	0	4	849	765	84	1 144	878	47	219	0	0	3 712 ³	408	105	4 015	0.0		
RO	967	2 182	1 286	212	411	0	273	0	1 533	1 533	0	818	650	124	44	0	0	5 500	- 845	16	4 639	4.3		
RS	0	2 030	2 030	0	0	0	0	0	963	919	44	0	0	0	0	0	0	2 993	293	80	3 206	-1.3		
SE	5 772	235	0	29	11	11	184	0	4 236	4 236	0	2 114	1 312	0	802	0	0	12 357	-1 149	0	11 208	-1.7		
SI	515	284	258	19	4	0	0	3	339	316	23	0	0	0	0	0	0	1 138	- 56	29	1 053	-3.7		
SK	1 025	384	160	128	96	0	0	0	411	388	23	77	1	31	40	5	132	2 029 ³	277	32	2 274	0.1		
Σ		70 268	118 686	31 052	38 067	32 796	3 587	3 306	9 878	42 722	36 271	6 451	36 105	19 519	6 097	8 829	1 660	1 103	268 884	- 242	4 123	268 040	-0.8	

¹ Renewable hydro: Production run-of-river plus production of storage and pumped storage minus 70% of pumped energy.⁴ Wind, PV and biomass from TSO data, rest from official statistics.² The reported figures are best estimates based on actual measurements and extrapolations.³ Including deliveries from industry.

2. Physical energy flows



Sum of physical energy flows between ENTSO-E countries: 35 077 GWh

Total physical energy flows: 38 840 GWh

Not ENTSO-E members: Albania, Belarus, Morocco, Republic of Moldavia, Republic of Turkey, Russia, Ukraine and Ukraine West.

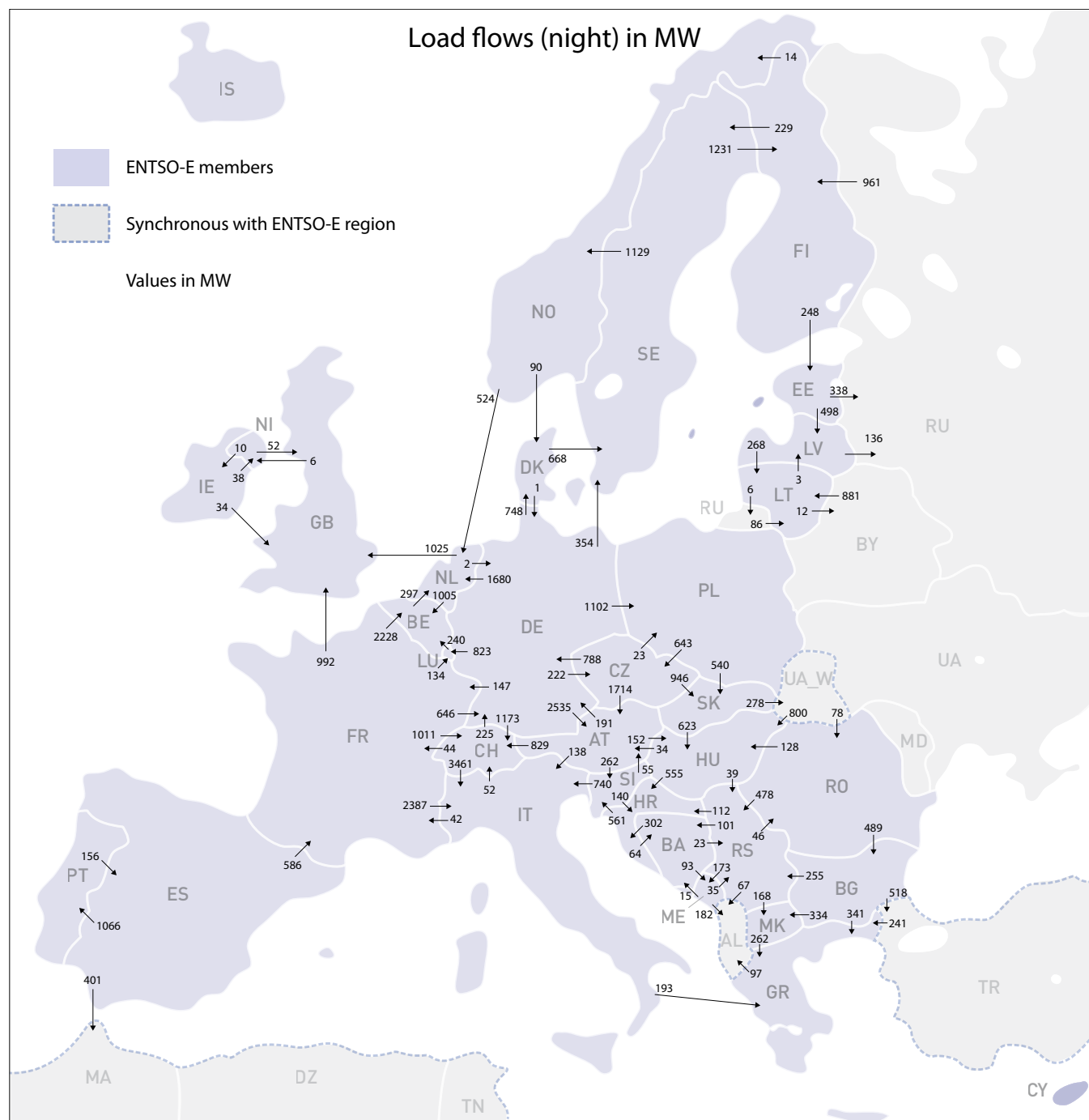
These physical energy flows were measured on the cross-frontier transmission lines (≥ 110 kV) listed in table “Characteristics of the cross-frontier lines” published in the Yearly Statistic & Adequacy Retrospect. These values may differ from the official statistics and the exchange balances on page 4.

3. Overview of the detailed physical energy flows in GWh

	Importing countries																																	Other ¹	Sum exp.
	AT	BA	BE	BG	CH	CZ	DE	DK	EE	ES	FI	FR	GB	GR	HR	HU	IE	IT	LT	LU	LV	ME	MK	NI	NL	NO	PL	PT	RO	RS	SE	SI	SK		
AT	-	-	-	-	694	0	348	-	-	-	-	-	-	-	-	260	-	162	-	-	-	-	-	-	-	-	-	-	-	-	-	362	-	-	1 826
BA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	271	-	-	-	-	-	-	136	-	-	-	-	-	-	-	32	-	-	-	439	
BE	-	-	-	-	-	-	-	-	-	-	-	60	-	-	-	-	-	-	-	5	-	-	-	-	36	-	-	-	-	-	-	-	-	101	
BG	-	-	-	-	-	-	-	-	-	-	-	-	-	301	-	-	-	-	-	-	-	265	-	-	-	-	-	-	7	208	-	-	-	480	1 261
CH	16	-	-	-	-	-	146	-	-	-	-	365	-	-	-	-	-	2 394	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2 921	
CZ	1 351	-	-	-	-	-	668	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	53	-	-	-	-	-	774	2 846	
DE	1 552	-	-	-	1 209	224	-	253	-	-	-	178	-	-	-	-	-	-	-	509	-	-	-	-	2 135	-	831	-	-	-	67	-	-	6 958	
DK	-	-	-	-	-	-	234	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	125	-	-	-	-	219	-	-	-	578	
EE	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	248	-	-	-	-	-	-	-	-	-	-	-	-	283	533	
ES	-	-	-	-	-	-	-	-	-	-	-	57	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	704	-	-	-	-	-	390	1 151
FI	-	-	-	-	-	-	-	-	251	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12	-	-	-	-	29	-	-	0	292	
FR	-	-	720	-	678	-	395	-	-	564	-	-	935	-	-	-	-	1 501	-	104	-	-	-	-	-	-	-	-	-	-	-	-	-	4 897	
GB	-	-	-	-	-	-	-	-	-	-	-	4	-	-	-	-	191	-	-	-	-	-	-	102	0	-	-	-	-	-	-	-	-	297	
GR	-	-	-	0	-	-	-	-	-	-	-	-	-	-	-	-	-	50	-	-	-	10	-	-	-	-	-	-	-	-	-	-	-	87	147
HR	-	99	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	0	-	414	-	514	
HU	8	-	-	-	-	-	-	-	-	-	-	-	-	-	374	-	-	-	-	-	-	-	-	-	-	-	-	-	1	50	-	-	0	433	
IE	-	-	-	-	-	-	-	-	-	-	-	-	25	-	-	-	-	-	-	-	-	-	29	-	-	-	-	-	-	-	-	-	-	54	
IT	0	-	-	-	4	-	-	-	-	-	-	51	-	135	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-	194	
LT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	35	-	-	-	-	-	-	-	-	-	-	-	-	44	79	
LU	-	-	155	-	-	-	98	-	-	-	-	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	253	
LV	-	-	-	-	-	-	-	-	0	-	-	-	-	-	-	-	-	-	154	-	-	-	-	-	-	-	-	-	-	-	-	-	0	154	
ME	-	37	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	53	-	-	154	244	
MK	-	-	-	0	-	-	-	-	-	-	-	-	-	176	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	179	
NI	-	-	-	-	-	-	-	-	-	-	-	-	17	-	-	-	25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	42	
NL	-	-	1 244	-	-	-	44	-	-	-	-	-	710	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	1 999	
NO	-	-	-	-	-	-	-	324	-	-	6	-	-	-	-	-	-	-	-	-	-	-	-	497	-	-	-	-	-	-	884	-	-	0	1 711
PL	-	-	-	-	-	593	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17	-	369	0	979	
PT	-	-	-	-	-	-	-	-	-	295	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	295	
RO	-	-	-	333	-	-	-	-	-	-	-	-	-	-	-	191	-	-	-	-	-	-	-	-	-	-	-	-	-	-	360	-	-	17	901
RS	-	85	-	0	-	-	-	-	-	-	-	-	-	-	110	13	-	-	-	-	67	131	-	-	-	-	-	-	14	-	-	-	-	13	433
SE	-	-	-	-	-	-	177	301	-	-	1 258	-	-	-	-	-	-	-	-	-	-	-	-	-	396	295	-	-	-	-	-	-	-	2 427	
SI	4	-	-	-	-	-	-	-	-	-	-	-	-	-	217	-	-	612	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	833	
SK	-	-	-	-	-	0	-	-	-	-	-	-	-	-	-	574	-	-	-	-	-	-	-	-	-	-	0	-	-	-	-	-	-	295	869
Other ¹	-	-	-	0	-	-	-	-	2	0	401	-	-	229	-	629	-	-	618	-	63	1	-	-	-	0	0	-	34	20	-	-	3	-	2 000
Sum imp.	2 931	221	2 119	333	2 585	817	2 110	878	253	859	1 667	715	1 687	841	972	1 668	216	4 719	772	618	346	204	406	131	2 668	534	1 179	704	56	726	1 216	780	1 146	1 763	

¹ Other: Albania, Belarus, Morocco, Republic of Moldavia, Republic of Turkey, Russia, Ukraine and Ukraine-West.

4. Load flows (night) on 15.10.2014 at 03:00 a.m. CET



Import (I) and Export (E) balance

Country	Balance
AT	I = 2766
BA	E = 238
BE	I = 3176
BG	E = 959
CH	E = 665
CY ¹	-
CZ	E = 2606
DE	E = 6931
DK	I = 169

Country	Balance
EE	E = 588
ES	E = 1897
FI	I = 1701
FR	E = 6579
GB	I = 2097
GR	I = 940
HR	I = 484
HU	I = 1075
IE	E = 62

Country	Balance
IS ¹	-
IT	I = 6439
LT	I = 1214
LU	I = 717
LV	I = 369
ME	I = 34
MK	I = 240
NI	E = 18
NL	I = 469

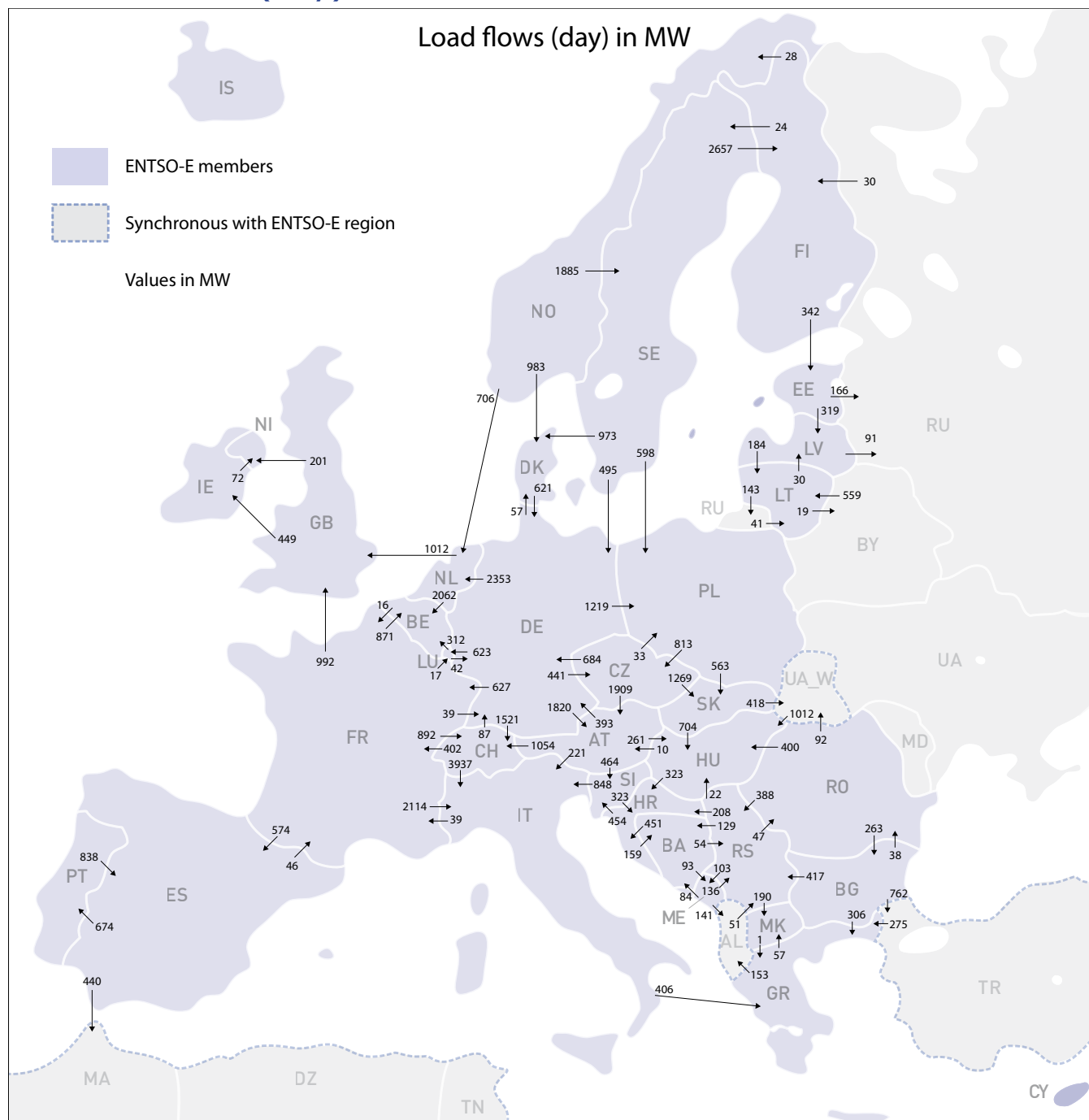
Country	Balance
NO	n.a.
PL	E = 58
PT	I = 910
RO	E = 971
RS	I = 163
SE	E = 1109
SI	E = 112
SK	I = 585

Sum of load flows (night) in MW: ENTSO-E: 42 011 Total: 47 093²

¹ Cyprus and Iceland are isolated power systems and therefore are not connected to the ENTSO-E network.

² Including synchronous operation with ENTSO-E region.

5. Load flows (day) on 15.10.2014 at 11:00 a.m. CET



Import (I) and Export (E) balance

Country	Balance
AT	I = 1346
BA	E = 226
BE	I = 3229
BG	E = 1260
CH	E = 959
CY ¹	-
CZ	E = 2641
DE	E = 6286
DK	I = 1392

Country	Balance
EE	E = 143
ES	I = 252
FI	I = 2293
FR	E = 4369
GB	I = 1354
GR	I = 778
HR	I = 692
HU	I = 2066
IE	I = 377

Country	Balance
IS ¹	-
IT	I = 6675
LT	I = 592
LU	I = 272
LV	I = 256
ME	E = 165
MK	I = 246
NI	I = 273
NL	E = 15

Country	Balance
NO	n.a.
PL	I = 474
PT	E = 164
RO	E = 1058
RS	I = 347
SE	E = 2814
SI	E = 253
SK	I = 710

Sum of load flows (day) in MW:

ENTSO-E: 48 458

Total: 52 851²

¹ Cyprus and Iceland are isolated power systems and therefore are not connected to the ENTSO-E network.

² Including synchronous operation with ENTSO-E region.

6. Unavailability of international tie lines

(major events with sum over 30 hours)



Each incident is referred by number with description on the following page.

6. Unavailability of international tie lines

(major events with sum over 30 hours)

#	Line	Substation 1	Substation 2	Voltage (kV)	Capacity (MVA)	Date/Time Start	Reason	Duration (minutes)
1	391.1.1	Skopje 1 (MK)	Kosovo A (RS)	220	311	01.10.2014 00:00	R9	44700
2	391.2.1	Skopje 1 (MK)	Kosovo A (RS)	220	311	01.10.2014 00:00	R9	
3	861.1.1	IAE (LT)	Smorgon (BY)	330	832	01.10.2014 00:00	R3	44700
4	222.2.1	Auchencrosh (GB)	Ballycronanmore (NI)	250	250	01.10.2014 00:01	R10 R1	44699
5	111.2.1	Bürs (AT)	Herbertingen (DE)	220	389	01.10.2014 00:00	R9	39949
6	111.2.1	Bürs (AT)	Herbertingen (DE)	220	389	30.10.2014 08:35	R9	
7	711.1.1	Göd (HU)	Levice (SK)	400	1330	06.10.2014 07:01	R2	37079
8	166.1.1	Lindome (SE)	Vester Hassing (DK)	285	370	13.10.2014 07:00	R3	27000
9	165.1.1	Lindome (SE)	Vester Hassing (DK)	285	370	13.10.2014 07:00	R3	26760
10	601.1.1	Puerto de la Cruz (ES)	Melloussa 1 (MA)	380	715	01.10.2014 08:21	R1	21132
11	601.1.1	Puerto de la Cruz (ES)	Melloussa 1 (MA)	380	715	26.10.2014 07:17	R8	
12	122.1.1	Campocologno (CH)	Poschiavino (IT)	150	156	13.10.2014 08:39	R1	20712
13	802.1.1	Keminmaa (FI)	Svartbyn (SE)	400	0	18.10.2014 07:00	R1	19800
14	124.1.1	Robbia (CH)	Gorlago (IT)	380	1330	01.10.2014 00:00	R1	16919
15	124.1.2	Robbia (CH)	San Fiorano (IT)	380	1330	01.10.2014 00:00	R1	16918
16	221.1.1	Sellindge (GB)	Mandarins (FR)	270	1000	13.10.2014 14:00	R1	16879
17	221.1.1	Sellindge (GB)	Mandarins (FR)	270	1000	30.10.2014 07:10	R6	
18	851.1.1	Panevėžys (LT)	Aizkraukle (LV)	330	696	20.10.2014 07:37	R2	16822
19	72.1.2	Eichstetten (DE)	Mühlbach (FR)	380	1684	06.10.2014 07:18	R9	16374
20	821.1.1	Anttila (FI)	Püssi (EE)	450	650	12.10.2014 06:00	R2	13995
21	821.1.1	Anttila (FI)	Püssi (EE)	450	650	28.10.2014 23:45	R9	
22	424.1.1	Sokolnice (CZ)	Krizovany (SK)	400	1386	01.10.2014 00:00	R9	13851
23	82.1.2	Chamoson (CH)	Bois-Tollot (FR)	380	1552	06.10.2014 06:41	R1	13236
24	870.1.1	Šalčininkai (LT)	Voronovo (BY)	110	86	20.10.2014 10:30	R1	11902
25	862.1.1	IAE (LT)	Minskaja TEC-5 (BY)	330	716	24.10.2014 02:50	R9	11410
26	444.1.1	Nosovice (CZ)	Wielopole (PL)	400	1386	13.10.2014 07:46	R1	6374
27	722.1.2	Tiszaölk (HU)	Mukachevo (UA_W)	220	209	27.10.2014 06:00	R1	6370
28	722.1.1	Kisvárd (HU)	Mukachevo (UA_W)	220	209	13.10.2014 07:20	R1	6260
29	443.1.1	Albrechtice (CZ)	Dobrze (PL)	400	1386	27.10.2014 07:20	R1	6242
30	25.1.2	Van Eyck (BE)	Maasbracht (NL)	380	1270	13.10.2014 08:35	R1	6239
31	853.1.1	IAE (LT)	Liksna (LV)	330	832	13.10.2014 08:30	R2	6221
32	151.3.1	Arkale (ES)	Argia (FR)	220	406	13.10.2014 08:43	R8 R9	6022
33	11.1.1	Diele (DE)	Meeden (NL)	400	1535	20.10.2014 08:35	R2	5935
34	117.1.1	Silz (AT)	Oberbrunn (DE)	220	793	06.10.2014 06:53	R1	5369
35	117.1.1	Silz (AT)	Oberbrunn (DE)	220	793	10.10.2014 08:04	R1	
36	117.1.1	Silz (AT)	Oberbrunn (DE)	220	793	16.10.2014 08:30	R1	
37	117.1.1	Silz (AT)	Oberbrunn (DE)	220	793	20.10.2014 08:28	R1	
38	169.1.1	Söderåsen (SE)	Hovegård (DK)	400	830	01.10.2014 00:00	R3	5307
39	882.1.1	Kruonio HAE (LT)	Sovetsk (RU)	330	696	12.10.2014 00:17	R9	4968
40	882.1.1	Kruonio HAE (LT)	Sovetsk (RU)	330	696	21.10.2014 08:40	R2	
41	123.3.1	Serra (CH)	Pallanzeno (IT)	220	365	27.10.2014 07:24	R1	4950
42	865.1.1	IAE (LT)	Opsa (BY)	110	76	06.10.2014 09:31	R1	4634
43	81.1.1	Bassecourt (CH)	Sierentz (FR)	380	1330	01.10.2014 00:00	R1	4141
44	81.1.1	Bassecourt (CH)	Sierentz (FR)	380	1330	07.10.2014 12:07	R2	
45	151.4.1	Biescas (ES)	Pragnères (FR)	220	290	01.10.2014 00:00	R9	4095
46	803.1.1	Raumo (FI)	Forsmark (SE)	400	550	01.10.2014 00:00	R1	4080
47	25.1.1	Van Eyck (BE)	Maasbracht (NL)	380	1207	01.10.2014 00:00	R3	3883
48	117.1.2	Silz (AT)	Oberbrunn (DE)	220	793	01.10.2014 06:52	R1	3604
49	117.1.2	Silz (AT)	Oberbrunn (DE)	220	793	02.10.2014 06:49	R1	
50	117.1.2	Silz (AT)	Oberbrunn (DE)	220	793	13.10.2014 07:15	R1	
51	117.1.2	Silz (AT)	Oberbrunn (DE)	220	793	14.10.2014 07:00	R1	
52	117.1.2	Silz (AT)	Oberbrunn (DE)	220	793	15.10.2014 08:45	R1	
53	117.1.2	Silz (AT)	Oberbrunn (DE)	220	793	21.10.2014 06:31	R1	
54	167.1.1	Söderåsen (SE)	Görlåsegård (DK)	400	0	06.10.2014 06:35	R3	3504
55	171.2.1	Bisamberg (AT)	Sokolnice (CZ)	220	269	16.10.2014 07:23	R9	3477
56	171.2.1	Bisamberg (AT)	Sokolnice (CZ)	220	269	22.10.2014 07:08	R9	
57	171.2.1	Bisamberg (AT)	Sokolnice (CZ)	220	269	23.10.2014 07:54	R9	
58	171.2.1	Bisamberg (AT)	Sokolnice (CZ)	220	269	28.10.2014 07:13	R9	
59	171.2.1	Bisamberg (AT)	Sokolnice (CZ)	220	269	29.10.2014 06:55	R9	
60	171.2.1	Bisamberg (AT)	Sokolnice (CZ)	220	269	30.10.2014 07:11	R9	
61	856.1.1	IAE (LT)	Daugavpils (LV)	110	102	01.10.2014 07:24	R2	3446
62	151.1.1	Hernani (ES)	Argia (FR)	380	1590	20.10.2014 08:16	R8 R9 R1	3406
63	115.10.1	St. Peter (AT)	Pleinting (DE)	220	518	01.10.2014 00:00	R1	3132
64	115.10.1	St. Peter (AT)	Pleinting (DE)	220	518	17.10.2014 07:15	R1	
65	115.10.1	St. Peter (AT)	Pleinting (DE)	220	518	30.10.2014 07:45	R1	3129
66	171.1.1	Bisamberg (AT)	Sokolnice (CZ)	220	269	07.10.2014 10:30	R9	
67	171.1.1	Bisamberg (AT)	Sokolnice (CZ)	220	269	14.10.2014 07:46	R9	
68	171.1.1	Bisamberg (AT)	Sokolnice (CZ)	220	269	15.10.2014 07:08	R9	
69	51.2.1	Avelgem (BE)	Mastaing (FR)	380	1177	20.10.2014 07:28	R3 R9	2065
70	51.3.1	Achene (BE)	Lonny (FR)	380	1177	29.10.2014 07:45	R3	2057
71	832.1.1	Valmiera (LV)	Tsīrgulīna (EE)	330	350	30.10.2014 16:00	R1	1920
72	115.5.1	St. Peter (AT)	Altheim (DE)	220	301	14.10.2014 15:15	R1	1890
73	115.5.1	St. Peter (AT)	Altheim (DE)	220	301	14.10.2014 08:45	R1	
74	115.5.1	St. Peter (AT)	Altheim (DE)	220	301	15.10.2014 07:15	R1	
75	115.5.1	St. Peter (AT)	Altheim (DE)	220	301	16.10.2014 07:30	R1	
76	115.5.1	St. Peter (AT)	Altheim (DE)	220	301	27.10.2014 08:15	R1	

R1: Maintenance

R2: Repair

R3: New constructions

R4: Overload (also calculated break)

R5: False operation

R6: Failure in protection device or other element

R7: Outside impacts (animals, trees, fire, avalanches, ...)

R8: Very exceptional conditions (weather, natural disaster, ...)

R9: Other reasons

R10: Unknown reasons

7. Supply interruption

(major reported events)



R4: Overload (also calculated break)

R5: False operation

R6: Failure in protection device or other element

R7: Outside impacts (animals, trees, fire, avalanches, ...)

R8: Very exceptional conditions (weather, natural disaster, ...)

R9: Other reasons

R10: Unknown reasons

Information about incidents in other countries are not shown with energy not supply equal zero or unavailable in the database.

* Equivalent time of interruption: (year [in min] * energy not supplied) / consumption last 12 months.

8. Highest and lowest load values of the month

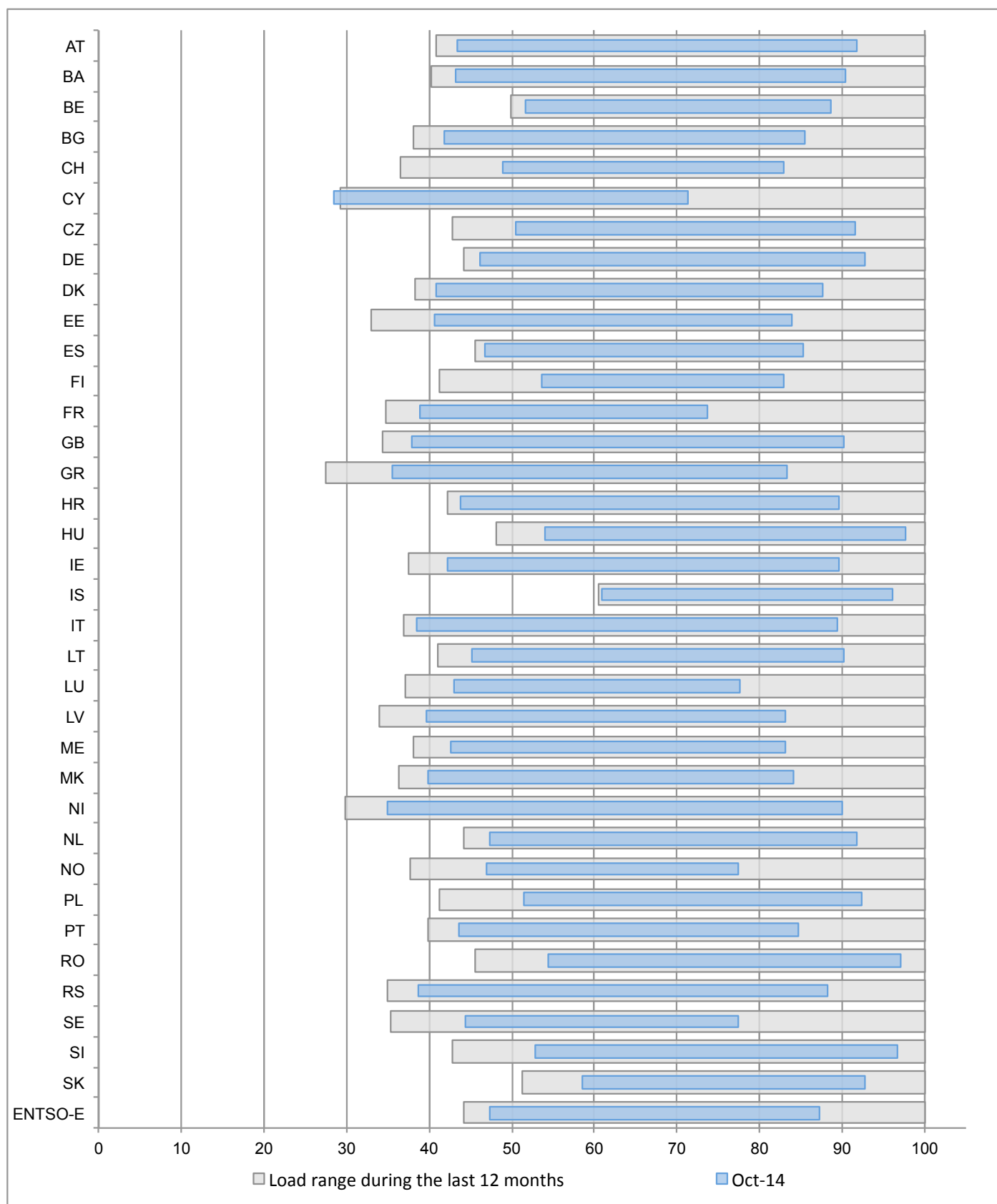
The following table shows highest and lowest load values¹ collected over the last 12 months (Oct. 2013 to Sep. 2014) and includes the reporting month for purposes of comparison.

	Highest load values in MW						Lowest load values in MW					
	Last 12 months			Reported month			Last 12 months			Reported month		
	Load value	Date	Time	Load value	Date	Time	Load value	Date	Time	Load value	Date	Time
AT	11 441	27/11/13	18:00	10 495	29/10/14	18:00	4 673	17/08/14	04:00	4 962	12/10/14	04:00
BA	2 074	24/12/13	18:00	1 876	30/10/14	18:00	833	05/08/14	06:00	896	06/10/14	05:00
BE ²	13 294	12/12/13	18:00	11 792	29/10/14	19:00	6 623	27/07/14	07:00	6 869	05/10/14	05:00
BG	6 985	31/01/14	19:00	5 970	27/10/14	20:00	2 656	22/06/14	06:00	2 928	06/10/14	04:00
CH	7 792	18/12/13	09:00	6 457	13/10/14	12:00	2 843	26/07/14	06:00	3 811	27/10/14	00:00
CY	871	25/08/14	15:00	622	08/10/14	20:00	254	01/12/13	05:00	248	20/10/14	03:00
CZ	10 005	29/01/14	13:00	9 171	30/10/14	18:00	4 290	10/08/14	06:00	5 052	12/10/14	06:00
DE	83 102	05/12/13	18:00	77 037	22/10/14	12:00	36 709	21/04/14	04:00	38 354	05/10/14	04:00
DK	6 002	30/01/14	18:00	5 256	27/10/14	18:00	2 296	08/06/14	06:00	2 447	05/10/14	05:00
EE	1 490	30/01/14	17:00	1 251	24/10/14	09:00	492	20/07/14	05:00	606	05/10/14	04:00
ES	39 411	28/11/13	19:00	33 610	21/10/14	20:00	17 919	25/12/13	05:00	18 455	26/10/14	04:00
FI	14 321	20/01/14	08:00	11 888	23/10/14	19:00	5 898	22/06/14	05:00	7 688	04/10/14	03:00
FR	85 088	28/11/13	19:00	62 639	28/10/14	19:00	29 493	17/08/14	07:00	33 045	05/10/14	05:00
GB	58 023	06/02/14	19:00	52 295	29/10/14	19:00	19 955	17/08/14	07:00	21 983	19/10/14	06:00
GR	8 525	12/12/13	18:00	7 096	29/10/14	19:00	2 343	20/04/14	14:00	3 021	12/10/14	15:00
HR	2 768	18/12/13	18:00	2 482	29/10/14	19:00	1 166	11/05/14	06:00	1 210	06/10/14	04:00
HU	5 863	12/12/13	17:00	5 730	29/10/14	18:00	2 822	21/08/14	04:00	3 162	24/10/14	04:00
IE	4 491	17/12/13	19:00	4 027	30/10/14	19:00	1 684	06/07/14	07:00	1 899	05/10/14	06:00
IS	2 207	09/12/13	18:00	2 122	29/10/14	11:00	1 337	14/05/14	12:00	1 346	13/10/14	01:00
IT	52 764	27/11/13	18:00	47 185	08/10/14	12:00	19 433	26/12/13	05:00	20 318	26/10/14	04:00
LT	1 834	23/01/14	10:00	1 654	24/10/14	09:00	754	06/07/14	05:00	830	06/10/14	03:00
LU	994	13/12/13	18:00	771	08/10/14	12:00	368	28/03/14	00:00	427	05/10/14	05:00
LV	1 331	30/01/14	17:00	1 106	23/10/14	18:00	453	24/06/14	04:00	529	05/10/14	03:00
ME	570	26/01/14	20:00	474	26/10/14	19:00	217	18/05/14	06:00	243	02/10/14	03:00
MK	1 527	22/12/13	18:00	1 285	26/10/14	18:00	555	14/09/14	05:00	609	07/10/14	05:00
NI	1 675	14/01/14	19:00	1 507	29/10/14	19:00	500	13/07/14	07:00	586	05/10/14	06:00
NL	18 409	11/12/13	18:00	16 900	29/10/14	18:00	8 136	22/06/14	06:00	8 717	05/10/14	06:00
NO	22 957	13/01/14	09:00	17 786	31/10/14	08:00	8 633	20/07/14	06:00	10 753	06/10/14	01:00
PL	23 715	29/01/14	18:00	21 882	30/10/14	18:00	9 761	21/04/14	06:00	12 210	05/10/14	05:00
PT	8 322	09/12/13	21:00	7 055	15/10/14	21:00	3 317	20/04/14	08:00	3 633	26/10/14	08:00
RO	8 114	10/12/13	18:00	7 873	28/10/14	18:00	3 704	21/04/14	14:00	4 409	06/10/14	01:00
RS	6 930	18/12/13	18:00	6 119	28/10/14	19:00	2 423	22/06/14	06:00	2 681	13/10/14	04:00
SE	24 735	13/01/14	17:00	19 156	30/10/14	18:00	8 727	20/07/14	06:00	10 989	05/10/14	04:00
SI	1 966	18/12/13	18:00	1 900	23/10/14	13:00	840	02/05/14	01:00	1 039	27/10/14	00:00
SK	4 126	17/12/13	17:00	3 826	30/10/14	18:00	2 119	03/08/14	06:00	2 415	12/10/14	05:00
ENTSO-E	521 648	29/01/14	19:00	455 244	29/10/14	19:00	230 180	17/08/14	0.29	247 003	05/10/14	05:00

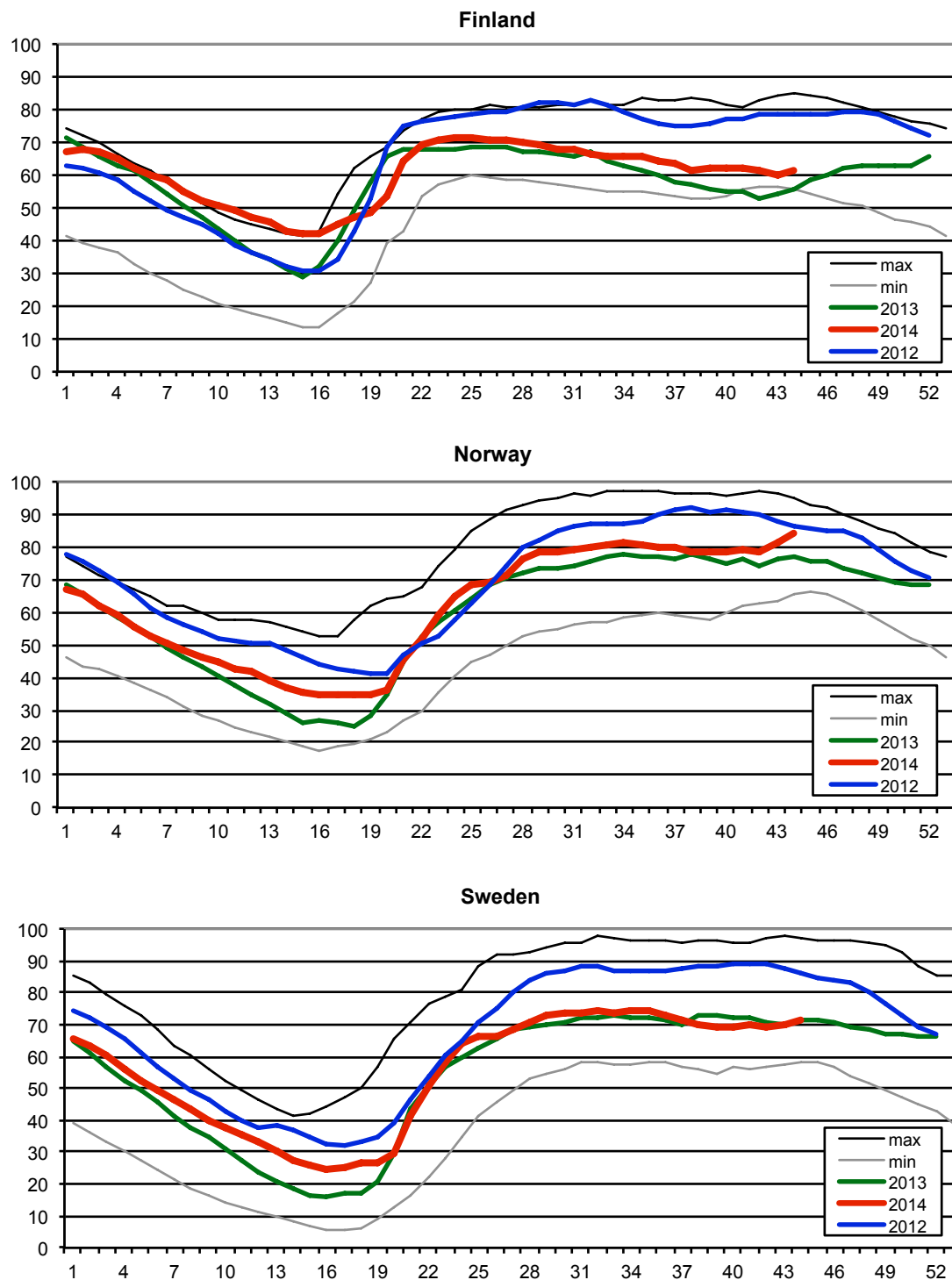
¹ All values are calculated to represent 100% of the national values.

² The reported figures are best estimates based on actual measurements and extrapolations.

The following diagram shows the percentual load range for the current month compared to the percentual load range of the last 12 months (Oct. 2013 to Sep. 2014), the reference values being the highest load value of the last 12 months.



9. Water reservoirs Nordic



Finland: Reservoir capacity: 5.530 GWh Minimum and maximum limits are based on values for the years 1990-2002.

Norway: Reservoir capacity: 82.224 GWh The statistics are supposed to cover 97.1 percent of the total reservoir capacity. The total reservoir capacity is 84 147 GWh Minimum and maximum limits are based on values for the years 1990-2003.

Sweden: Reservoir capacity: 33.758 GWh Minimum and maximum limits are based on values for the years 1950-2006.

10. Appendix: Data sources and references

ENTSO-E data portal: <https://www.entsoe.eu/data/data-portal/>

Nord Pool Spot: <http://www.nordpoolspot.com/>

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