

Monthly statistics



May 2015

European Network of
Transmission System Operators
for Electricity

entsoe

Monthly provisional values as of 26 October 2015

Data Expert Group

Monthly statistics - May 2015

Data Expert Group

Monthly provisional values from the ENTSO-E statistical database as of 26 October 2015.

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General remarks and abbreviations used in the tables

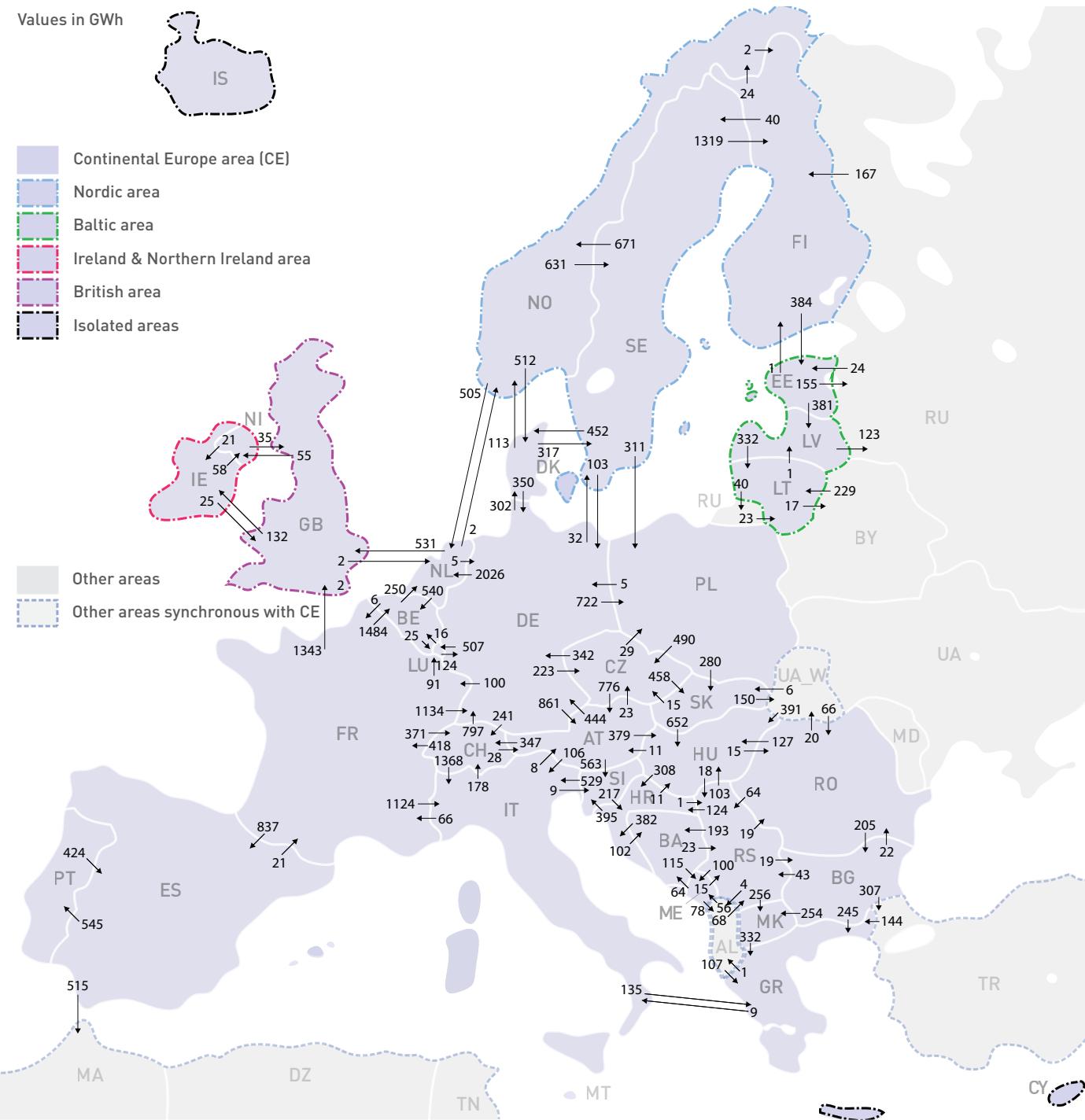
- Definitions of terms used in this report are available at <https://emr.entsoe.eu/>.
- All values of generation and consumption on page 4, 11 and 12 are calculated to represent 100% of the national values.
- All data with the country code GB represents monthly statistical data as sum of England, Scotland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

	Nuclear	Net generation (GWh)												Exch. Balance (GWh)	Pumping (GWh)	Consumption					
		Fossil fuels						Hydro power			Renewables				Not clearly identifiable	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	-	531	-	41	176	53	-	261	4 268	3 933	335	577	339	-	-	238	900	6 276	-330	478	5 468 -2.4
BA	-	505	505	-	-	-	-	-	573	573	-	-	-	-	-	-	-	1 078	-161	0	917 1.2
BE ²	2 106	1 588	-	255	1 331	2	-	-	104	22	82	1 220	388	414	418	-	-	5 018 ³	1 757	112	6 663 -1.3
BG ²	951	1 277	1 134	70	73	-	-	-	630	603	27	250	82	152	16	-	-	3 108	-650	54	2 404 15.5
CH	2 172	168	-	-	-	-	-	168	4 078	-	4 078	181	11	-	-	170	-	6 599	-1 481	278	4 840 -3.0
CY	-	298	-	-	-	298	-	-	-	-	-	16	16	-	-	-	-	314	0	0	314 -1.9
CZ	2 127	2 906	2 275	270	345	2	-	14	262	163	99	661	36	263	154	208	-	5 956 ³	-854	130	4 972 0.2
DE ⁴	7 387	19 357	10 071	6 352	1 658	84	1 192	-	2 597	1 894	703	12 647	4 850	4 508	3 166	123	-	41 988 ³	-1 709	699	39 580 -4.3
DK	-	616	-	398	216	2	-	-	1	1	-	1 546	1 260	83	203	-	-	2 163 ³	485	0	2 648 1.0
EE ⁵	-	652	-	-	-	-	-	652	3	3	-	109	45	-	64	-	-	764	-130	0	634 2.1
ES	3 557	7 465	223	2 728	3 674	840	-	-	3 175	2 899	276	6 887	4 848	1 663	376	-	120	21 204	167	400	20 971 1.6
FI	1 505	888	-	328	345	13	202	-	1 789	1 789	-	951	166	-	785	-	58	5 191	1 074	0	6 265 -1.9
FR	30 330	708	-	30	476	202	-	-	6 480	5 966	514	3 032	1 570	882	580	-	-	40 550 ³	-5 985	734	33 831 -2.4
GB ²	5 372	13 745	-	5 708	6 525	-	-	-	671	338	239	4 981	2 142	-	-	-	-	24 769	1 586	311	26 044 1.5
GR	-	1 682	1 447	-	235	-	-	-	482	78	404	719	227	366	18	108	-	2 883	950	10	3 823 4.5
HR	-	186	-	158	28	-	-	-	540	540	-	62	62	-	-	-	-	788	518	14	1 292 -0.5
HU	1 055	589	475	46	66	2	-	-	28	28	-	225	60	1	126	38	-	1 897	1 312	0	3 209 0.4
IE	-	1 463	176	411	873	-	-	3	96	72	24	607	589	-	-	18	-	2 166	72	46	2 192 4.2
IS	-	-	-	-	-	-	-	-	1 176	1 176	-	389	1	-	-	388	-	1 565	0	0	1 565 5.4
IT	-	11 565	-	2 740	6 528	297	2 000	-	5 229	5 080	149	5 763	1 288	2 636	1 342	497	-	22 557	2 663	193	25 027 0.4
LT	-	244	-	-	215	-	11	18	72	33	39	84	50	9	25	-	-	400	525	63	862 2.0
LU	-	21	-	-	21	-	-	-	131	7	124	24	6	14	4	-	8	184	484	171	497 -4.2
LV	-	86	-	-	41	-	45	-	245	245	-	67	11	-	24	32	-	398	173	0	571 -10.8
ME	-	-	-	-	-	-	-	-	126	-	126	-	-	-	-	-	-	126	114	0	240 -2.0
MK	-	217	217	-	-	-	-	-	119	-	119	8	8	-	-	-	-	344	165	0	509 -15.0
NI	-	467	-	97	369	1	-	-	1	1	-	183	170	-	7	6	-	651	60	0	711 0.4
NL	130	6 364	-	-	-	-	-	6 364	10	10	-	689	405	8	276	-	-	7 193	1 688	0	8 881 -1.3
NO	-	302	-	-	302	-	-	-	10 454	10 454	-	172	172	-	-	-	-	10 928	-939	0	9 989 6.9
PL ⁶	-	10 282	3 954	5 280	230	-	-	715	235	206	27	1 252	607	4	590	38	-	11 769 ³	287	47	12 009 3.0
PT	-	1 705	-	1 094	577	12	-	22	861	766	95	1 372	1 060	83	229	-	-	3 938 ³	120	119	3 939 1.2
RO	593	1 346	926	118	66	-	236	-	1 911	1 911	-	739	452	239	48	-	-	4 589	-293	38	4 258 2.8
RS	-	2 351	2 351	-	-	-	-	-	1 142	1 087	55	-	-	-	-	-	-	3 493	-586	136	2 771 -2.1
SE	3 551	241	-	28	2	9	-	202	6 433	6 433	-	2 074	1 273	-	801	-	-	12 299	-1 809	0	10 490 2.0
SI	216	215	213	-	-	-	-	2	418	398	20	43	-	28	12	3	8	900	221	29	1 092 2.2
SK	1 129	334	154	36	128	16	-	-	583	557	26	186	-	60	93	33	3	2 235 ³	-73	35	2 127 1.9
Σ	62 181	90 364	24 121	26 188	24 500	1 833	3 686	8 421	54 923	47 266	7 561	47 716	22 194	11 413	9 357	1 900	1 097	256 281	-579	4 097	251 605 -0.2

¹ Renewable hydro: Production run-of-river plus production of storage and pumped storage minus 70% of pumped energy.² The reported figures are best estimates based on actual measurements and extrapolations.³ Delivery from industry⁴ RES (other than hydro) and exchange balance from TSO data, rest from official statistics⁵ of which other fossil fuel = oil shale.⁶ Biomass generation includes biomass co-fired in conventional thermal units. Other renewable represents biogas. Other fossil fuel represents industry. Representativity based on historical differences of total generation. Representativity based on historical differences of total generation. Load data comes from PSE measurement - no other source of this data.

2. Physical energy flows



Sum of physical energy flows between ENTSO-E countries: 32 989 GWh
 Total physical energy flows: 35 680 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.

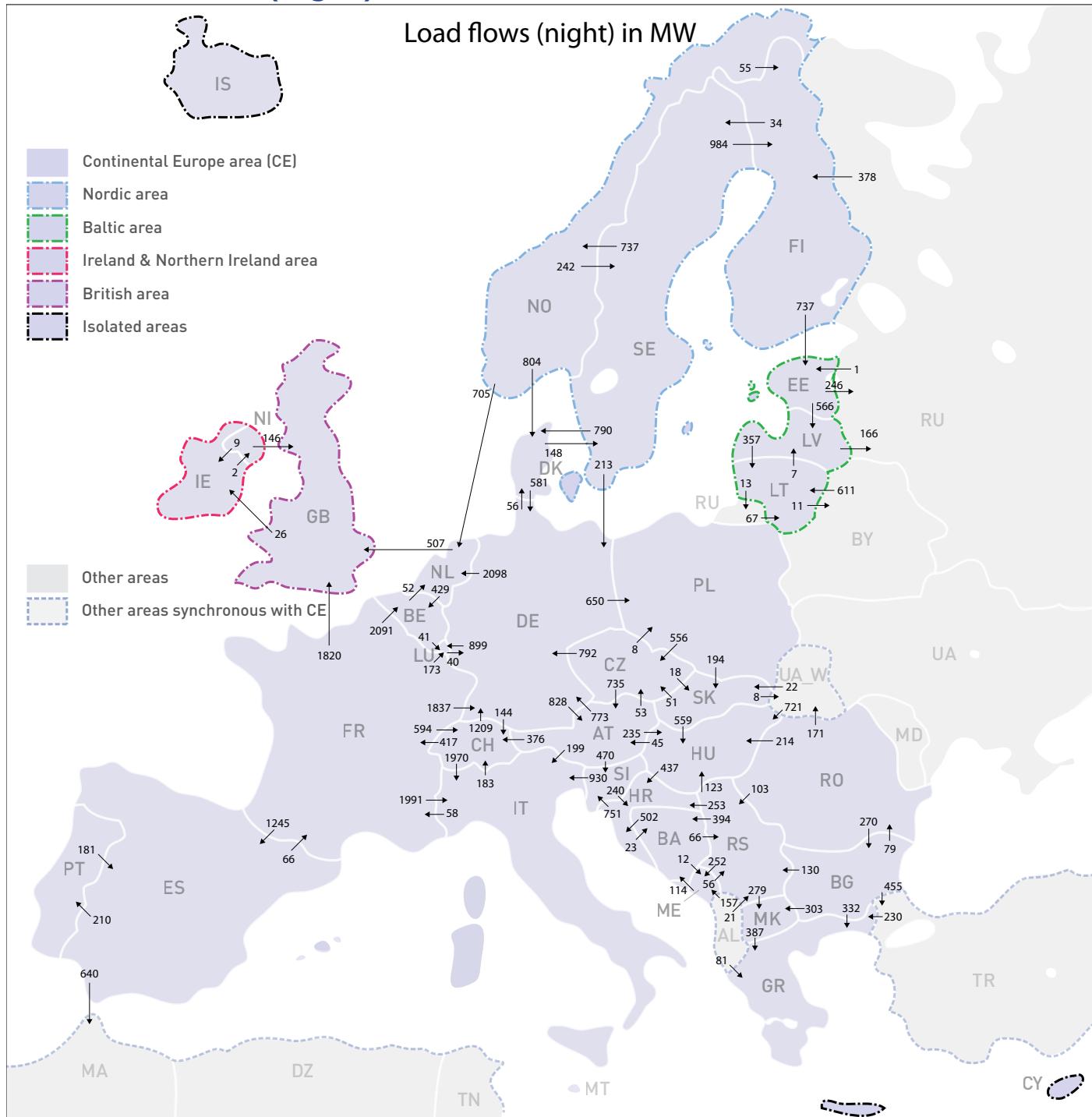
3. Overview of the detailed physical energy flows in GWh

Importing countries

	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	Other ¹	Sum exp.			
Exporting countries	-	-	-	-	347	23	444	-	-	-	-	-	-	-	379	-	106	-	-	-	-	-	-	-	-	-	-	-	563	-	-	1 862						
AT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	382	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	520						
BA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	281						
BE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	245	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	871						
CH	28	-	-	-	-	-	797	-	-	-	-	418	-	-	-	-	1 368	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2 611					
CZ	776	-	-	-	-	-	342	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1 605							
DE	861	-	-	-	241	223	-	302	-	-	-	100	-	-	-	-	-	-	507	-	-	-	-	-	2 026	-	722	-	-	32	-	-	5 014					
DK	-	-	-	-	-	-	350	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	317	-	-	780				
EE	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	155	-	537				
ES	-	-	-	-	-	-	-	-	-	-	21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	515	-	1 081				
FI	-	-	-	-	-	-	-	-	-	-	384	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	40	-	-	448			
FR	-	-	1 484	-	371	-	1 134	-	-	837	-	-	1 431	-	-	-	-	1 124	-	91	-	-	-	-	-	-	-	-	-	-	-	-	6 472					
GB	-	-	-	-	-	-	-	-	-	-	-	-	-	-	132	-	-	-	-	-	-	-	-	-	55	2	-	-	-	-	-	-	189					
GR	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	10			
HR	-	102	-	-	-	-	-	-	-	-	-	-	-	-	-	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	395				
HU	11	-	-	-	-	-	-	-	-	-	-	-	-	-	308	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15	-	352				
IE	-	-	-	-	-	-	-	-	-	-	-	25	-	-	-	-	-	-	-	-	-	-	-	58	-	-	-	-	-	-	-	-	-	83				
IT	8	-	-	-	178	-	-	-	-	-	66	-	135	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9	-	396			
LT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	57	-	58			
LU	-	-	16	-	-	-	124	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	140				
LV	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	332	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	332			
ME	-	64	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15	-	78			
MK	-	-	-	-	-	-	-	-	-	-	-	332	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	332			
NI	-	-	-	-	-	-	-	-	-	-	-	35	-	-	-	21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	56			
NL	-	-	540	-	-	-	5	-	-	-	-	531	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	1 078			
NO	-	-	-	-	-	-	-	512	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	505	-	-	-	-	-	-	-	-	631	-	-		
PL	-	-	-	-	-	-	490	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	280	-	775			
PT	-	-	-	-	-	-	-	-	-	-	424	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	424			
RO	-	-	-	-	205	-	-	-	-	-	-	-	-	-	-	127	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	64	-	-			
RS	-	193	-	19	-	-	-	-	-	-	-	-	-	-	-	124	103	-	-	-	-	-	-	-	-	-	-	19	-	-	-	-	4	-	818			
SE	-	-	-	-	-	-	103	452	-	-	1 319	-	-	-	-	-	-	-	-	-	-	-	-	-	-	671	311	-	-	-	-	-	-	-	-	2 856		
SI	-	-	-	-	-	-	-	-	-	-	-	217	-	-	529	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	746			
SK	-	-	-	-	-	-	15	-	-	-	-	-	652	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	150			
Other ¹	-	-	-	-	-	-	-	-	24	-	167	-	-	251	-	391	-	-	252	-	123	56	-	-	-	-	-	-	-	-	-	66	68	-	-	6	-	1 404
Sum imp.	1 684	359	2 040	224	1 137	751	3 304	1 266	408	1 261	1 489	611	2 022	963	1 031	1 663	153	3 136	584	623	505	271	510	113	2 783	810	1 062	545	122	232	1 020	967	744	1 287				

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

4. Load flows (night) on 20.05.2015 at 03:00 a.m. CET



Import (I) and Export (E) balance

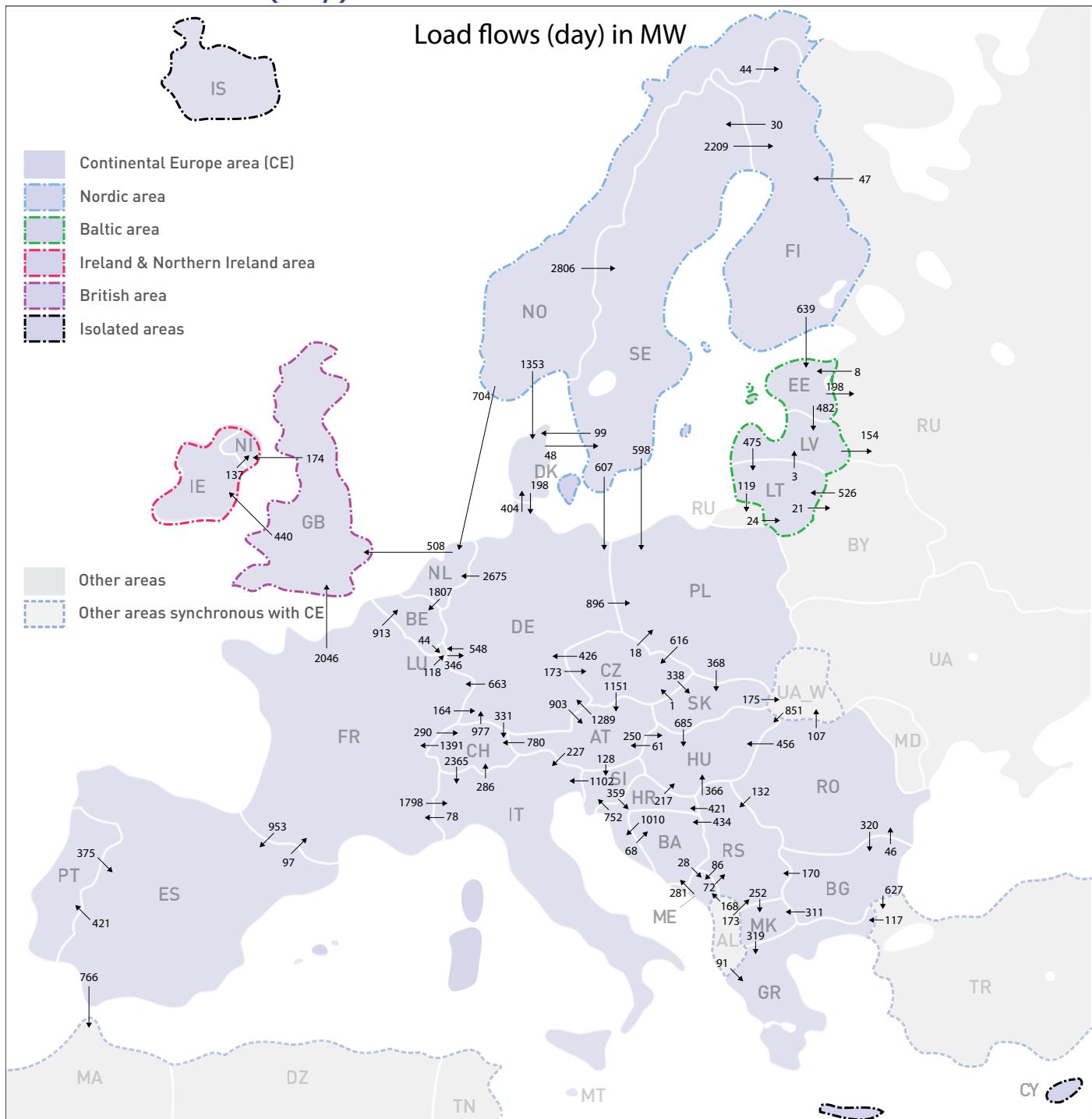
Country	Balance	Country	Balance	Country	Balance	Country	Balance
AT	E = 498	EE	E = 74	IS	-	NO	n.a.
BA	E = 49	ES	I = 510	IT	I = 4849	PL	E = 92
BE	I = 2427	FI	I = 646	LT	I = 1004	PT	I = 29
BG	E = 1029	FR	E = 9332	LU	I = 1073	RO	E = 679
CH	E = 2299	GB	I = 2569	LV	I = 382	RS	E = 925
CY	-	GR	I = 1030	ME	I = 251	SE	E = 2300
CZ	E = 893	HR	I = 658	MK	I = 195	SI	I = 51
DE	I = 770	HU	I = 1370	NI	E = 153	SK	E = 384
DK	I = 921	IE	I = 33	NL	I = 1919		

Sum of load flows (night) in MW:

ENTSO-E: 38 368

Total: 42 367²¹ 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 20.05.2015 at 11:00 a.m. CET



Import (I) and Export (E) balance

Country	Balance	Country	Balance	Country	Balance	Country	Balance
AT	E = 559	EE	E = 33	IS	-	NO	n.a.
BA	E = 255	ES	I = 44	IT	I = 5128	PL	I = 528
BE	I = 2676	FI	I = 1631	LT	I = 882	PT	I = 46
BG	E = 834	FR	E = 4053	LU	I = 364	RO	E = 969
CH	E = 3046	GB	I = 1940	LV	I = 164	RS	E = 1012
CY	-	GR	I = 527	ME	E = 71	SE	E = 629
CZ	E = 1143	HR	I = 753	MK	I = 244	SI	E = 581
DE	E = 2586	HU	I = 2764	NI	I = 311	SK	E = 155
DK	I = 1610	IE	I = 303	NL	I = 1064		

Sum of load flows (day) in MW:

ENTSO-E: 46 156

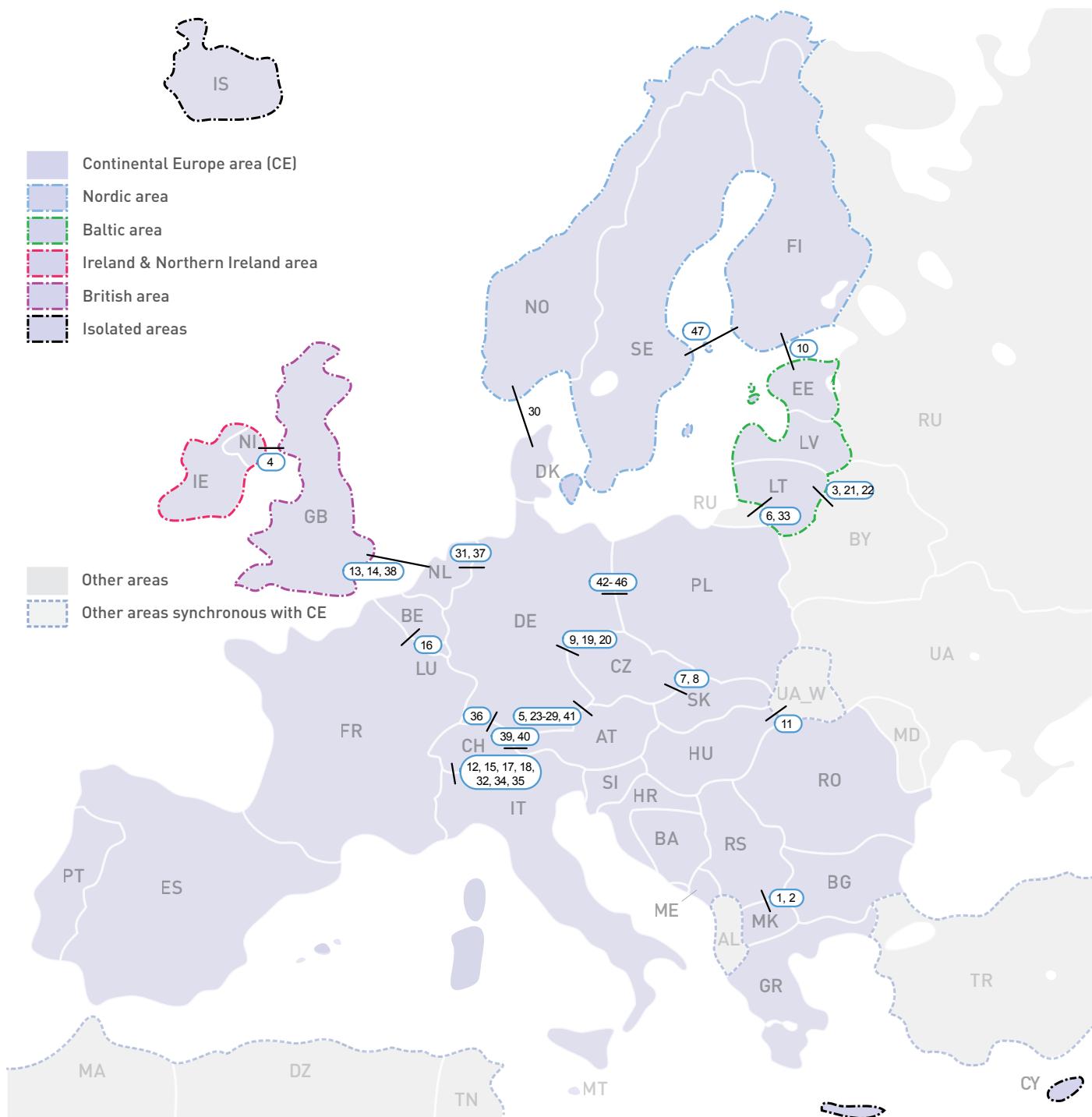
Total: 50 328²

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 unavailability 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	01.05.2015 00:00	R9	44 640
2	391.2.1	Skopje 1 (MK)	Kosovo A (RS)	220	311	01.05.2015 00:00	R9	44 640
3	861.1.1	IAE (LT)	Smargon (BY)	330	832	01.05.2015 00:00	R9	44 640
4	222.2.1	Auchencrosh (GB)	Ballycronanmore (NI)	250	250	01.05.2015 00:01	R10	44 639
5	111.3.1	Bürs (AT)	Dellmensingen (DE)	220	492	01.05.2015 00:00	R9	41 328
6	881.1.1	Biténai (LT)	Sovetsk (RU)	330	696	04.05.2015 13:00	R3	39 540
7	430.1.1	Sokolnice (CZ)	Stupava (SK)	400	1 386	04.05.2015 07:13	R1	36 529
8	430.1.1	Sokolnice (CZ)	Stupava (SK)	400	1 386	30.05.2015 08:42	R9	36 529
9	321.1.1	Hradec Zapad (CZ)	Etzenricht (DE)	400	1 386	11.05.2015 07:58	R3 R1	29 762
10	821.1.1	Anttila (FI)	Püssi (EE)	450	650	01.05.2015 00:00	R6	25 570
11	720.1.1	Albertirska (HU)	Zahidno Ukrainska (UA_W)	750	5 819	01.05.2015 00:00	R1	23 820
12	121.3.1	Soazza (CH)	Bulciago (IT)	380	1 330	18.05.2015 08:00	R1	19 200
13	28.1.1	Isle of Grain (GB)	Maasvlakte (NL)	450	500	11.05.2015 07:30	R1	16 860
14	28.1.1	Isle of Grain (GB)	Maasvlakte (NL)	450	500	18.05.2015 22:30	R10	16 860
15	121.4.1	Lavorgo (CH)	Musignano (IT)	380	1 268	03.05.2015 08:00	R1	14 940
16	51.1.1	Monceau (BE)	Chooz (FR)	220	360	21.05.2015 08:35	R4	14 775
17	123.1.1	Riddes (CH)	Avise (IT)	220	323	04.05.2015 07:00	R1	13 560
18	123.2.1	Riddes (CH)	Valpelline (IT)	220	323	04.05.2015 07:00	R1	13 560
19	322.1.2	Hradec Vychod (CZ)	Röhrsdorf (DE)	400	1 386	01.05.2015 00:00	R1	12 781
20	322.1.2	Hradec Vychod (CZ)	Röhrsdorf (DE)	400	1 386	13.05.2015 08:09	R2	12 781
21	867.1.1	Didžiasalis (LT)	Kaziani (BY)	110	45	01.05.2015 00:00	R1	10 850
22	862.1.1	IAE (LT)	Minskaja TEC-5 (BY)	330	716	11.05.2015 08:39	R1	10 461
23	111.2.1	Bürs (AT)	Herbertingen (DE)	220	389	04.05.2015 07:08	R1	8 574
24	111.2.1	Bürs (AT)	Herbertingen (DE)	220	389	05.05.2015 07:21	R1	8 574
25	111.2.1	Bürs (AT)	Herbertingen (DE)	220	389	06.05.2015 09:45	R1	8 574
26	111.2.1	Bürs (AT)	Herbertingen (DE)	220	389	07.05.2015 07:34	R1	8 574
27	111.2.1	Bürs (AT)	Herbertingen (DE)	220	389	09.05.2015 07:35	R1	8 574
28	111.2.1	Bürs (AT)	Herbertingen (DE)	220	389	11.05.2015 07:26	R1	8 574
29	111.2.1	Bürs (AT)	Herbertingen (DE)	220	389	15.05.2015 14:55	R9	8 574
30	164.1.1	Kristiansand (NO)	Tjèle (DK)	350	500	01.05.2015 00:00	R1	6 960
31	13.1.1	Siersdorf (DE)	Maasbracht (NL)	380	1 645	15.05.2015 06:36	R9	6 455
32	122.1.1	Campocologno (CH)	Poschiavino (IT)	150	156	18.05.2015 07:00	R1	6 360
33	884.1.1	Pagégliai (LT)	Sovetsk (RU)	110	76	04.05.2015 09:58	R9	6 248
34	124.1.1	Robbia (CH)	Gorlago (IT)	380	1 330	01.05.2015 00:34	R10	6 044
35	124.1.1	Robbia (CH)	Gorlago (IT)	380	1 330	17.05.2015 06:12	R1	6 044
36	103.1.1	Beznau (CH)	Tiengen (DE)	380	1 268	26.05.2015 08:01	R9	5 055
37	11.1.1	Diele (DE)	Meeden (NL)	400	1 535	20.05.2015 08:13	R1	4 580
38	28.2.1	Isle of Grain (GB)	Maasvlakte (NL)	450	500	11.05.2015 07:30	R1	3 780
39	141.1.1	Meiningen (AT)	Y-Meiningen (CH)	220	915	11.05.2015 07:00	R1	3 480
40	142.2.1	Westtirol (AT)	Pradella (CH)	380	1 340	02.05.2015 00:30	R1	3 210
41	117.1.1	Silz (AT)	Oberbrunn (DE)	220	793	04.05.2015 08:14	R1	3 154
42	501.1.1	Vierraden (DE)	Krajnik (PL)	220	408	18.05.2015 06:53	R1	2 763
43	501.1.1	Vierraden (DE)	Krajnik (PL)	220	408	19.05.2015 06:49	R1	2 763
44	501.1.1	Vierraden (DE)	Krajnik (PL)	220	408	20.05.2015 07:21	R1	2 763
45	501.1.1	Vierraden (DE)	Krajnik (PL)	220	408	21.05.2015 06:41	R1	2 763
46	501.1.1	Vierraden (DE)	Krajnik (PL)	220	408	22.05.2015 06:42	R1	2 763
47	803.1.1	Raumo (FI)	Forsmark (SE)	400	550	05.05.2015 09:57	R6	1 815

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, ...)

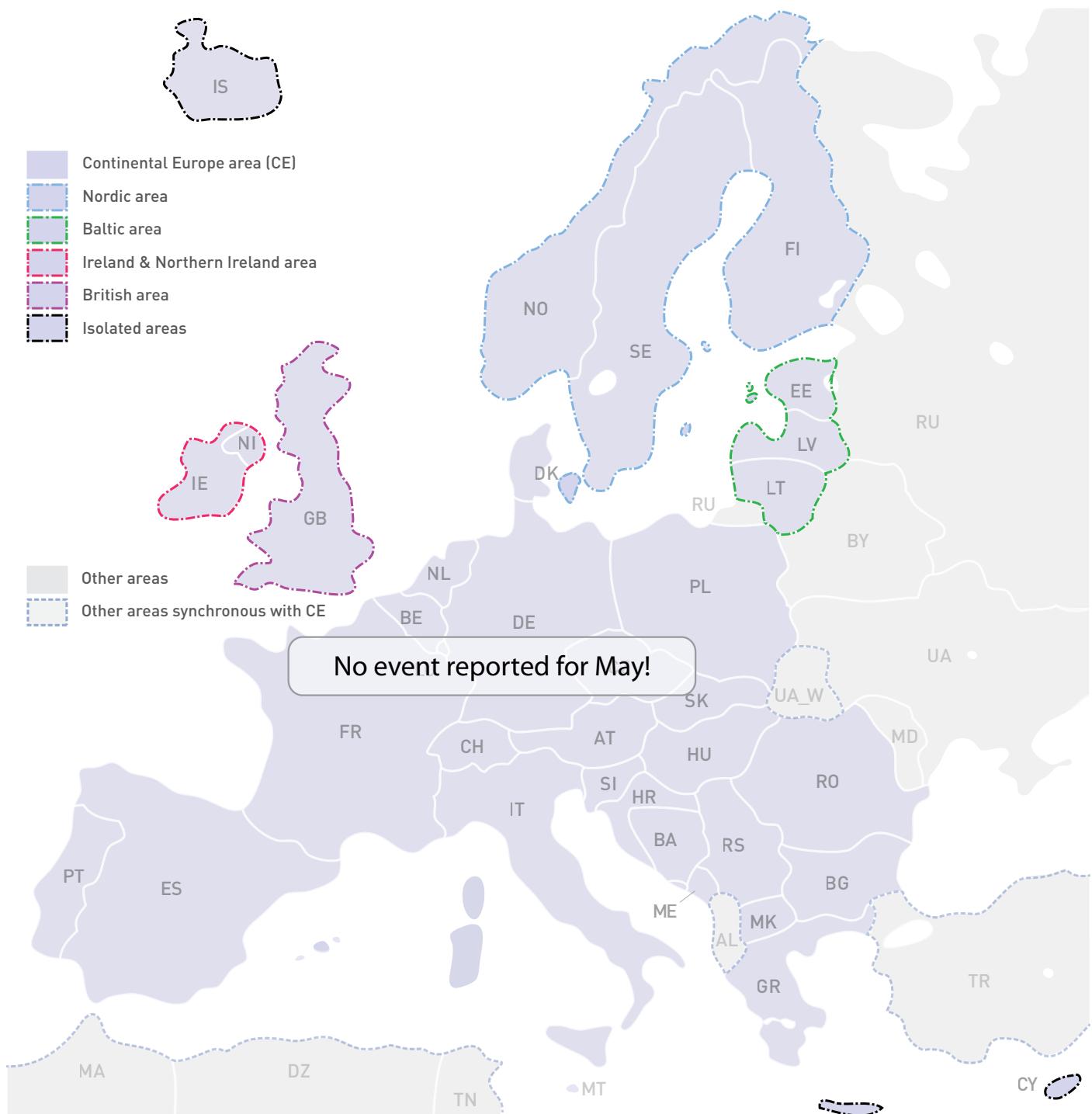
R8: Very exceptional conditions (weather, natural disaster, ...)

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 supplied equal zero or unavailable in the database.

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

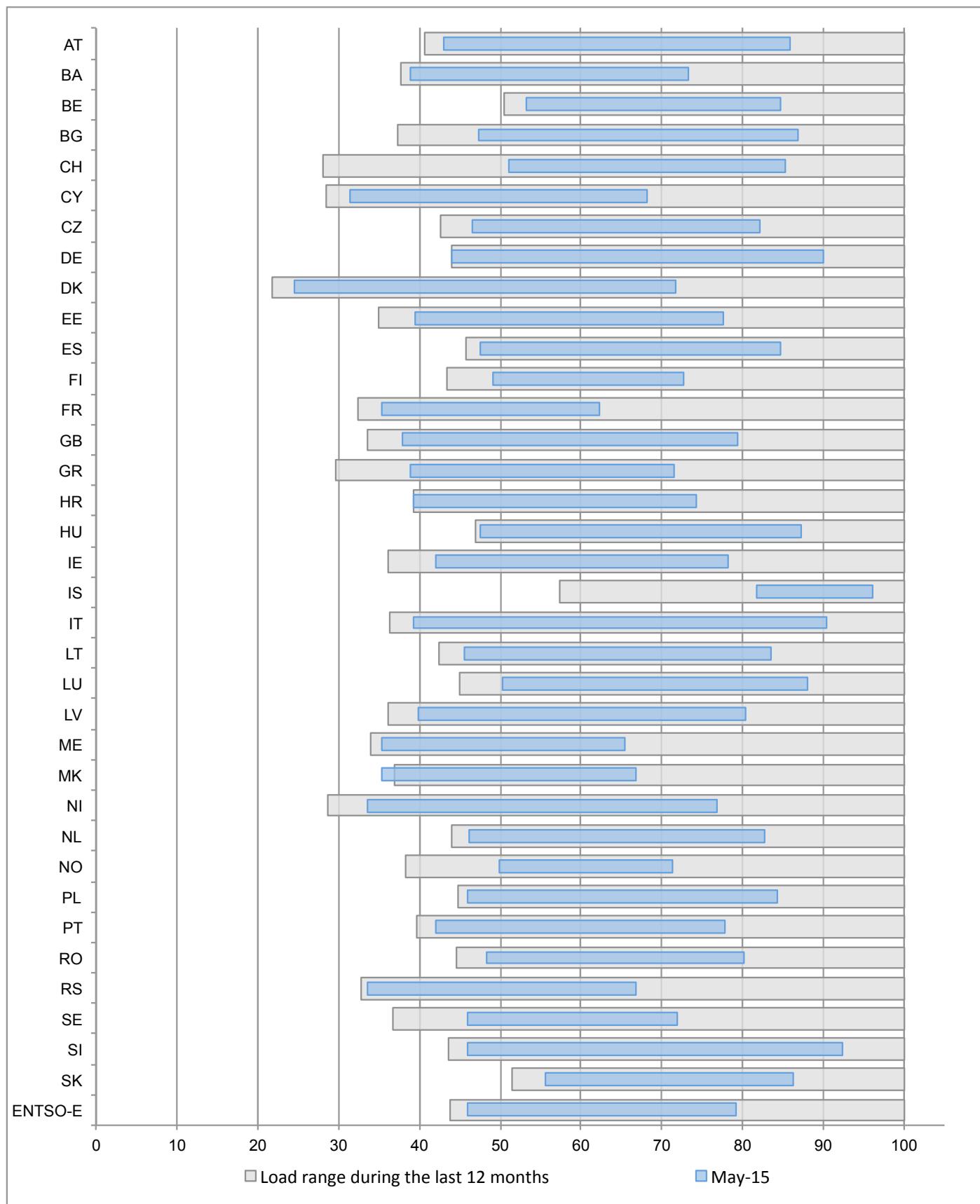
8. Highest and lowest load values of the month

The following table shows highest and lowest load values¹ collected over the previous 12 months (May 2014 to Apr. 2015) and includes the reporting month for purposes of comparison.

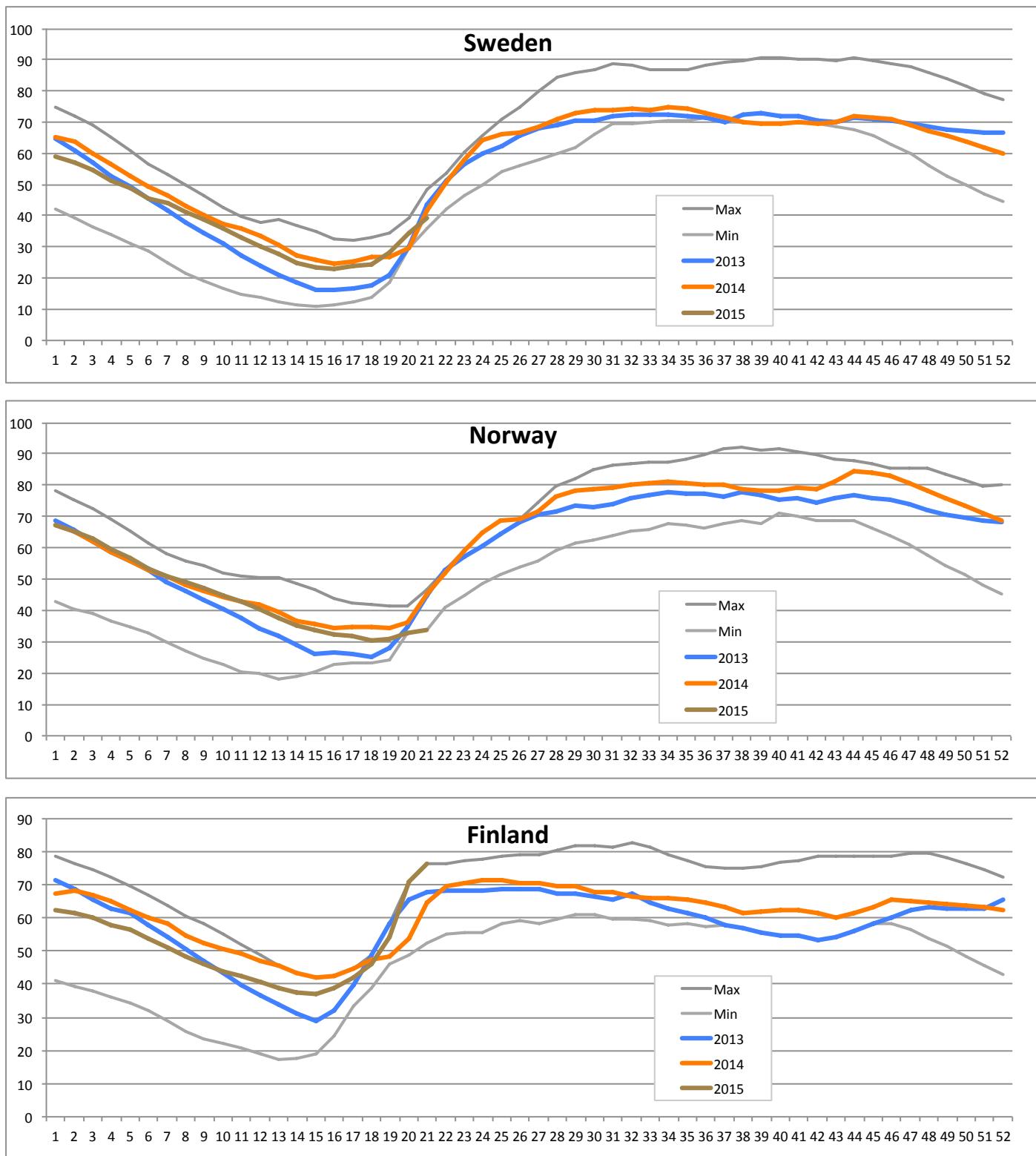
	Highest load values in MW						Lowest load values in MW					
	Last 12 months			Reported month			Last 12 months			Reported month		
	Load value	Date	Time	Load value	Date	Time	Load value	Date	Time	Load value	Date	Time
AT	11 471	10/12/14	17:00	9 847	22/05/15	12:00	4 673	17/08/14	04:00	4 931	17/05/15	05:00
BA	2 207	31/12/14	18:00	1 618	05/05/15	21:00	833	05/08/14	06:00	858	02/05/15	04:00
BE ²	13 129	22/01/15	19:00	11 107	05/05/15	12:00	6 623	27/07/14	07:00	6 997	25/05/15	05:00
BG	7 106	31/12/14	19:00	6 174	10/05/15	20:00	2 656	22/06/14	06:00	3 366	03/05/15	05:00
CH	10 155	12/02/15	09:00	8 659	20/05/15	12:00	2 843	26/07/14	06:00	5 177	15/05/15	05:00
CY	871	25/08/14	15:00	594	19/05/15	13:00	248	20/10/14	03:00	274	31/05/15	06:00
CZ	10 058	10/12/14	17:00	8 267	06/05/15	13:00	4 290	10/08/14	06:00	4 677	31/05/15	06:00
DE	81 567	03/12/14	18:00	73 423	05/05/15	12:00	35 877	08/06/14	06:00	35 938	25/05/15	04:00
DK	5 729	20/01/15	18:00	4 114	02/05/15	19:00	1 251	28/03/15	00:00	1 407	24/05/15	06:00
EE	1 408	02/12/14	16:00	1 092	21/05/15	13:00	492	20/07/14	05:00	555	31/05/15	04:00
ES	40 324	04/02/15	21:00	34 143	14/05/15	14:00	18 426	25/12/14	06:00	19 149	02/05/15	05:00
FI	13 567	22/01/15	08:00	9 875	13/05/15	12:00	5 901	22/06/14	05:00	6 653	31/05/15	05:00
FR	91 611	06/02/15	19:00	57 057	20/05/15	12:00	29 697	17/08/14	07:00	32 297	31/05/15	06:00
GB	59 576	19/01/15	19:00	47 313	14/05/15	19:00	19 955	17/08/14	07:00	22 557	31/05/15	07:00
GR	9 304	08/01/15	19:00	6 646	07/05/15	13:00	2 763	01/05/14	15:00	3 614	02/05/15	04:00
HR	2 974	31/12/14	18:00	2 208	05/05/15	21:00	1 166	11/05/14	06:00	1 168	31/05/15	06:00
HU	6 002	01/12/14	17:00	5 240	21/05/15	16:00	2 822	21/08/14	04:00	2 857	25/05/15	06:00
IE	4 662	14/01/15	18:00	3 650	08/05/15	18:00	1 684	06/07/14	07:00	1 957	24/05/15	07:00
IS ³	2 327	25/02/15	14:00	2 238	12/05/15	12:00	1 337	14/05/14	12:00	1 903	30/05/15	11:00
IT	51 587	18/07/14	12:00	46 623	14/05/15	12:00	18 738	26/12/14	05:00	20 271	03/05/15	07:00
LT	1 783	04/12/14	16:00	1 488	21/05/15	10:00	755	06/07/14	05:00	811	10/05/15	05:00
LU	825	06/02/15	12:00	727	19/05/15	12:00	371	17/08/14	04:00	414	25/05/15	07:00
LV	1 251	03/12/14	16:00	1 006	21/05/15	10:00	453	24/06/14	04:00	499	04/05/15	05:00
ME	638	31/12/14	20:00	418	03/05/15	21:00	217	18/05/14	06:00	225	11/05/15	05:00
MK	1 507	31/12/14	18:00	1 007	10/05/15	21:00	555	14/09/14	05:00	533	31/05/15	06:00
NI	1 745	10/12/14	19:00	1 339	27/05/15	19:00	500	13/07/14	07:00	587	24/05/15	07:00
NL	18 460	03/12/14	18:00	15 266	18/05/15	18:00	8 136	22/06/14	06:00	8 516	24/05/15	07:00
NO	22 530	04/02/15	09:00	418	03/05/15	21:00	8 633	20/07/14	06:00	11 245	25/05/15	05:00
PL ⁴	23 463	10/12/14	17:00	19 771	06/05/15	13:00	10 486	08/06/14	06:00	10 783	03/05/15	06:00
PT	8 618	07/01/15	21:00	6 699	28/05/15	16:00	3 412	05/04/15	08:00	3 615	03/05/15	08:00
RO	8 522	09/12/14	18:00	6 833	06/05/15	22:00	3 799	12/04/15	15:00	4 121	31/05/15	07:00
RS	7 399	31/12/14	18:00	4 938	28/05/15	22:00	2 423	22/06/14	06:00	2 486	10/05/15	06:00
SE	23 870	29/12/14	11:00	17 182	04/05/15	12:00	8 754	20/07/14	06:00	10 965	24/05/15	06:00
SI	2 086	05/02/15	12:00	1 926	22/05/15	12:00	911	02/05/14	04:00	960	01/05/15	04:00
SK	4 119	27/11/14	18:00	3 551	27/05/15	13:00	2 119	03/08/14	06:00	2 289	10/05/15	06:00
ENTSO-E	528 092	05/02/15	19:00	418 605	19/05/15	12:00	230 790	17/08/14	0.29	242 796	31/05/15	06:00

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.³ Missing values for April 2015⁴ Load data comes from PSE measurement - no other source of this data

The following diagram shows the percentual load range for the reported month (in blue) compared to the percentual load range of the last 12 months (May 2014 to Apr. 2015), the reference values being the highest load value of the last 12 months.



9. Water reservoirs Nordic



Minimum and maximum limits are based on values for the years 2009-2015.

Finland: Reservoir capacity: 5.530 GWh.

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 84.3 TWh.

Sweden: Reservoir capacity: 33.675 GWh

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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