

Monthly statistics



August 2015

European Network of
Transmission System Operators
for Electricity



Monthly provisional values as of 24 November 2015

Data Expert Group

Monthly statistics - August 2015

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Monthly provisional values from the ENTSO-E statistical database as of 24 November 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)
			Σ	Lignite	Hard coal	Gas	Oil	Mixed	Other	Σ	Renew.	Other	Σ	Wind	Solar	Biomass	Other					
AT ¹	-	658	-	15	350	50	-	243	3 238	2 978	260	459	221	-	-	238	648	5 003	804	371	5 436	0.9
BA	-	883	883	-	-	-	-	-	273	273	-	-	-	-	-	-	-	1 156	- 189	-	967	3.8
BE ²	1 366	1 871	-	423	1 441	7	-	-	89	7	82	1 206	268	393	545	-	-	4 532 ³	2 258	109	6 681	2.6
BG ²	1 285	1 842	1 724	69	49	-	-	-	327	322	5	269	93	157	19	-	-	3 723	-1 174	12	2 537	2.0
CH	1 032	180	-	-	-	-	-	180	3 540	-	3 540	160	11	-	-	149	-	4 912	148	329	4 731	0.5
CY	-	478	-	-	-	478	-	-	-	-	-	17	17	-	-	-	-	495	-	-	495	4.7
CZ	1 993	2 943	2 172	405	350	2	-	14	153	85	68	658	28	287	146	197	-	5 747 ³	-1 015	91	4 641	2.8
DE ⁴	7 055	23 891	12 756	8 247	1 560	86	1 242	-	1 692	1 141	551	11 058	3 440	4 624	2 924	70	-	43 696 ³	-3 049	612	40 035	-4.6
DK	-	372	-	249	123	-	-	-	1	1	-	1 057	807	85	165	-	-	1 430 ³	1 262	-	2 692	2.0
EE	-	580	-	-	-	-	-	580	1	1	-	94	30	-	64	-	-	675	- 82	-	593	0.9
ES	4 989	10 771	483	4 966	4 359	963	-	-	1 836	1 628	208	5 173	3 285	1 433	453	2	118	22 887	- 252	301	22 334	3.5
FI	1 658	534	-	203	162	10	103	56	1 515	1 515	-	810	102	-	708	-	56	4 573	1 486	-	6 059	0.4
FR	31 997	862	-	160	452	250	-	-	3 411	3 057	354	2 615	1 121	852	642	-	-	38 885 ³	-7 102	505	31 278	1.0
GB ²	5 098	13 913	-	5 090	7 293	-	-	-	501	220	211	3 153	1 356	-	-	-	-	22 665	1 988	292	24 361	-2.9
GR	-	2 636	1 985	-	651	-	-	-	496	29	467	904	384	400	18	102	-	4 036	654	3	4 687	1.8
HR	-	224	-	181	43	-	-	-	260	260	-	36	36	-	-	-	-	520	994	20	1 494	7.1
HU	1 092	863	487	40	331	5	-	-	9	9	-	186	29	1	115	41	-	2 150	1 192	-	3 342	8.2
IE	-	1 651	214	267	1 163	1	-	6	63	39	24	389	368	-	-	21	-	2 103	29	45	2 087	2.5
IS	-	-	-	-	-	-	-	-	1 133	1 133	-	360	1	-	-	359	-	1 493	-	-	1 493	1.1
IT	-	13 147	-	3 115	7 421	338	2 273	-	3 383	3 274	109	5 608	751	2 843	1 526	488	-	22 138	2 414	94	24 458	3.3
LT	-	225	-	-	183	-	18	24	60	14	46	79	40	11	28	-	-	364	569	69	864	2.7
LU	-	14	-	-	14	-	-	-	123	1	122	22	5	13	4	-	8	167	508	163	512	8.2
LV	-	322	-	-	284	-	38	-	40	40	-	65	7	-	27	31	-	427	141	-	568	0.5
ME	-	140	140	-	-	-	-	-	54	-	54	-	-	-	-	-	-	194	125	-	319	10.8
MK	-	238	238	-	-	-	-	-	83	-	83	5	5	-	-	-	-	326	215	-	541	-7.4
NI	-	556	-	205	350	1	-	-	1	1	-	119	107	-	6	6	-	676	- 15	-	661	-0.2
NL	373	6 365	-	-	-	-	-	6 365	1	1	-	897	564	11	322	-	-	7 636	1 413	-	9 049	3.3
NO	-	297	-	-	297	-	-	-	10 273	10 273	-	158	158	-	-	-	-	10 728	-1 763	380	8 585	4.3
PL ^{5,6}	-	11 120	4 125	5 991	197	-	-	696	124	71	52	1 073	617	7	404	34	-	12 317 ³	39	85	12 271	4.9
PT	-	2 185	-	1 225	929	8	-	23	421	325	96	1 037	725	79	233	-	-	3 643 ³	384	120	3 907	1.7
RO	923	2 400	1 394	119	640	-	247	-	985	985	-	744	477	223	44	-	-	5 052	- 643	11	4 398	5.6
RS	-	2 345	2 345	-	-	-	-	-	506	471	35	-	-	-	-	-	-	2 851	45	44	2 852	4.4
SE	3 901	125	-	-	2	7	-	116	6 648	6 648	-	1 475	903	-	572	-	-	12 149	-2 625	-	9 524	0.8
SI	504	273	272	-	-	-	-	1	353	330	23	46	-	30	12	4	4	1 180	- 76	31	1 073	4.5
SK	1 269	302	93	66	125	18	-	-	218	196	22	184	-	64	88	32	4	1 977 ³	163	29	2 111	5.9
Σ ⁷	64 535	105 206	29 311	31 036	28 769	2 224	3 921	8 304	41 811	35 328	6 412	40 116	15 956	11 513	9 065	1 774	838	252 506	-1 154	3 716	247 636	0.9

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 statistics

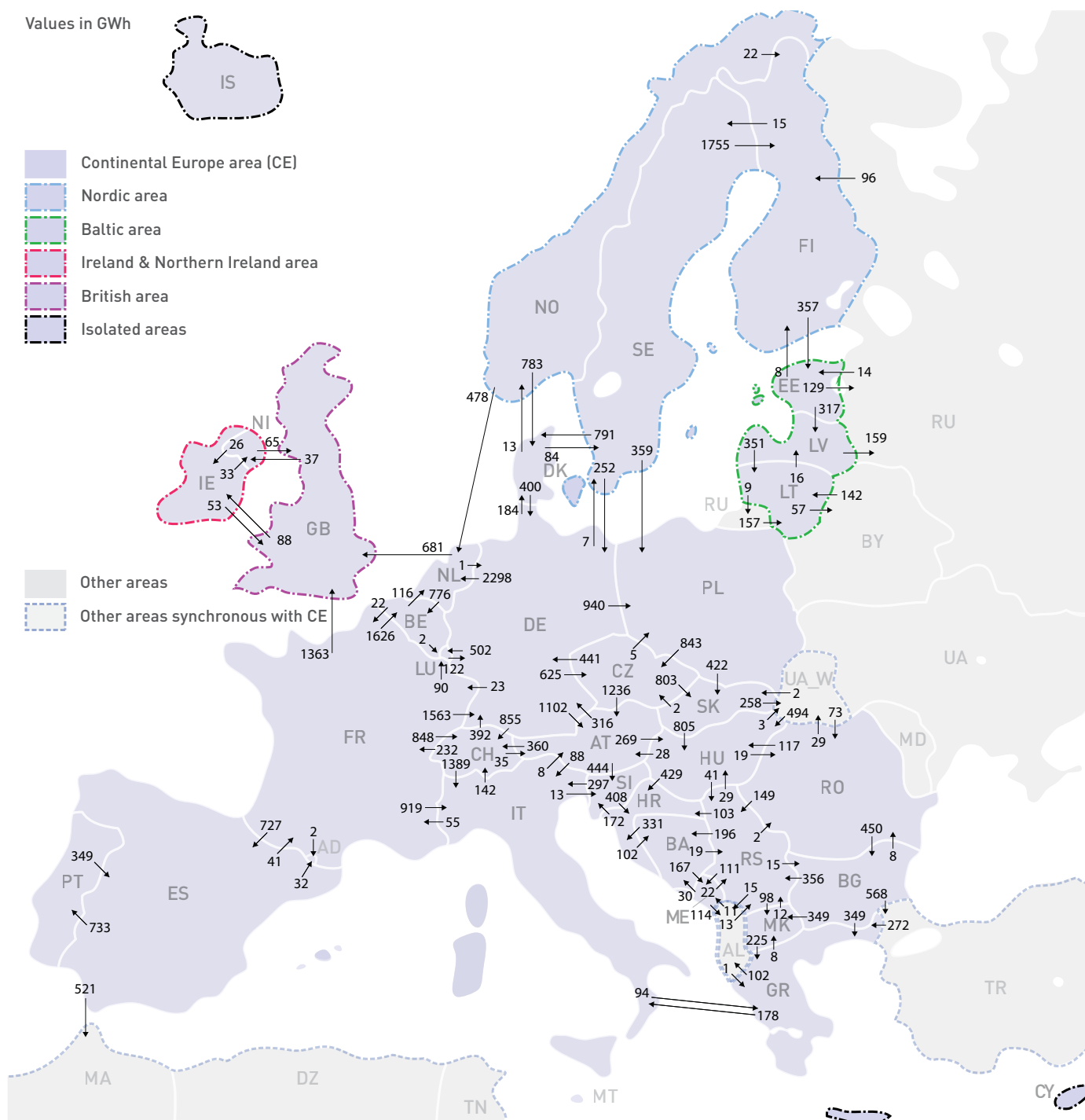
* Operational data. Biomass generation includes biomass co-fired in conventional thermal units. Other renewable represents biogas. Other fossil fuel represents industry.

* Since 2015 PSE has started providing representativity factor for generation. This caused the increase of generation / consumption in 2015 in comparison to year 2014. Real results are lower by at about 1%

⁷ ENTISO-E sum based on values from August 2014 for NL.

2. Physical energy flows

Values in GWh



Sum of physical energy flows between ENTSO-E countries: 36 066 GWh

Total physical energy flows: 39 305 GWh

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

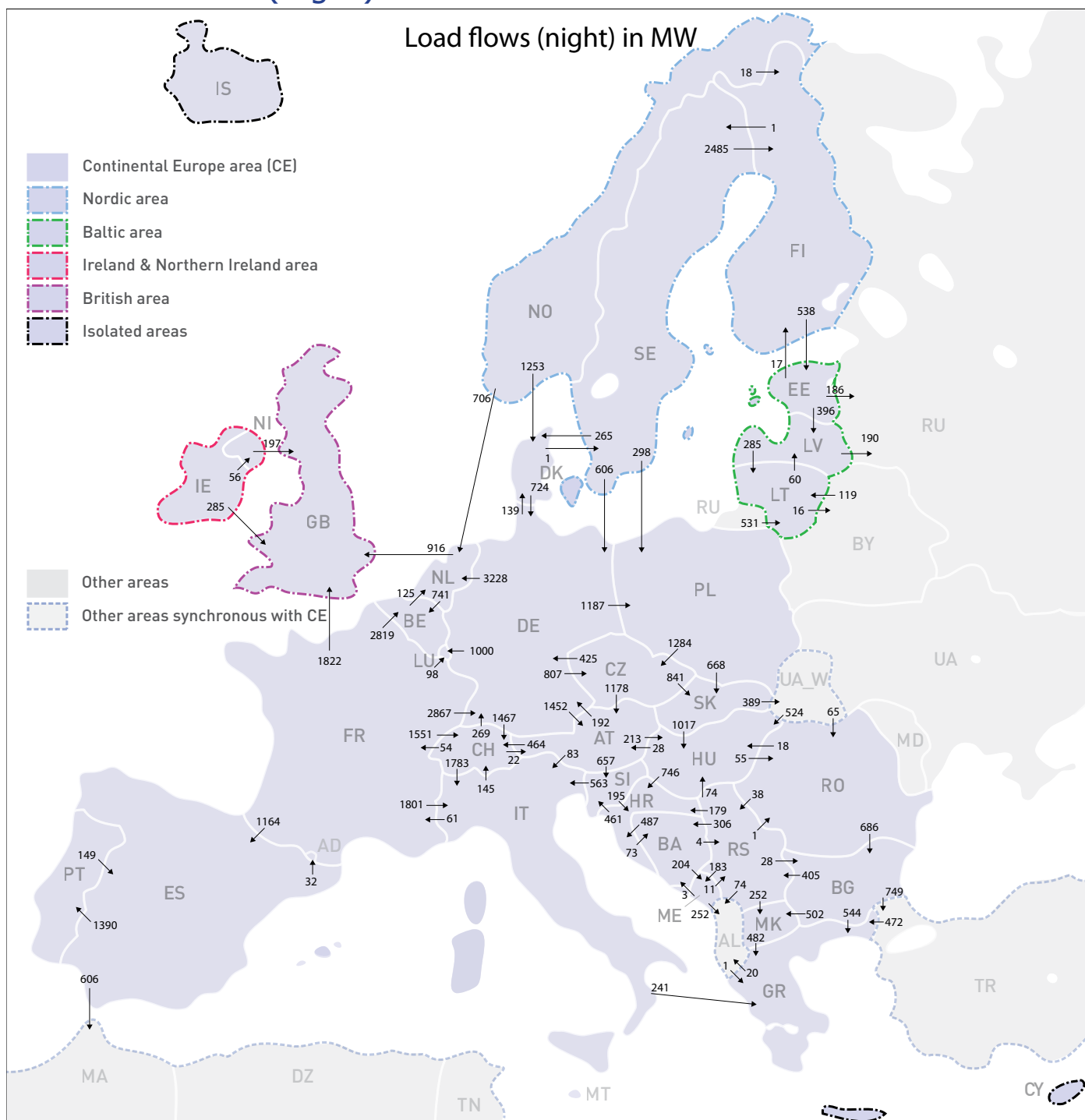
These physical energy flows were measured on the cross-frontier transmission lines (≥ 110 kV) listed in table “Characteristics of the cross-frontier lines” published in the Yearly Statistic & Adequacy Retrospect. These values may differ from the official statistics and the exchange balances on page 4.

3. Overview of the detailed physical energy flows in GWh

	Importing countries																																				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	Other ¹			
AT	-	-	-	-	360	-	316	-	-	-	-	-	-	-	-	269	-	88	-	-	-	-	-	-	-	-	-	-	-	-	-	444	-	-	1 477		
BA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	331	-	-	-	-	-	-	167	-	-	-	-	-	-	-	19	-	-	-	-	517		
BE	-	-	-	-	-	-	-	-	-	-	-	22	-	-	-	-	-	-	-	2	-	-	-	-	116	-	-	-	-	-	-	-	-	-	140		
BG	-	-	-	-	-	-	-	-	-	-	-	-	-	349	-	-	-	-	-	-	-	349	-	-	-	-	-	8	356	-	-	-	-	568	1 630		
CH	35	-	-	-	-	-	392	-	-	-	-	232	-	-	-	-	-	1 389	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2 048		
CZ	1 236	-	-	-	-	-	441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	-	-	-	-	-	803	-	-	2 485		
DE	1 102	-	-	-	855	625	-	184	-	-	-	23	-	-	-	-	-	-	-	502	-	-	-	-	2 298	-	940	-	-	-	7	-	-	-	6 536		
DK	-	-	-	-	-	-	400	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13	-	-	-	-	84	-	-	-	497			
EE	-	-	-	-	-	-	-	-	-	-	8	-	-	-	-	-	-	-	-	-	317	-	-	-	-	-	-	-	-	-	-	-	-	129	454		
ES	-	-	-	-	-	-	-	-	-	-	-	41	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	733	-	-	-	-	-	521	1 295		
FI	-	-	-	-	-	-	-	-	357	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15	-	-	-	372			
FR	-	-	1 626	-	848	-	1 563	-	-	727	-	-	1 363	-	-	-	-	919	-	90	-	-	-	-	-	-	-	-	-	-	-	-	2	7 138			
GB	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	88	-	-	-	-	-	37	-	-	-	-	-	-	-	-	-	-	-	125		
GR	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	178	-	-	-	8	-	-	-	-	-	-	-	-	-	-	-	102	288		
HR	-	102	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	172	-	-	274			
HU	28	-	-	-	-	-	-	-	-	-	-	-	-	-	429	-	-	-	-	-	-	-	-	-	-	-	-	19	41	-	-	-	3	520			
IE	-	-	-	-	-	-	-	-	-	-	-	53	-	-	-	-	-	-	-	-	-	-	33	-	-	-	-	-	-	-	-	-	-	86			
IT	8	-	-	-	142	-	-	-	-	-	-	55	-	94	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13	-	-	312			
LT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16	-	-	-	-	-	-	-	-	-	-	-	-	66	82			
LU	-	-	-	-	-	-	122	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	122			
LV	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	351	-	-	-	-	-	-	-	-	-	-	-	-	-	-	351			
ME	-	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	22	-	-	-	114	166			
MK	-	-	-	-	-	-	-	-	-	-	-	-	-	225	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12	-	-	-	-	237			
NI	-	-	-	-	-	-	-	-	-	-	-	65	-	-	-	-	26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	91			
NL	-	-	776	-	-	-	1	-	-	-	-	-	681	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1 458			
NO	-	-	-	-	-	-	-	783	-	-	22	-	-	-	-	-	-	-	-	-	-	-	-	478	-	-	-	-	-	-	-	-	-	1 283			
PL	-	-	-	-	-	843	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	422	-	1 265			
PT	-	-	-	-	-	-	-	-	-	349	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	349			
RO	-	-	-	450	-	-	-	-	-	-	-	-	-	-	-	117	-	-	-	-	-	-	-	-	-	-	-	-	-	149	-	-	-	29	745		
RS	-	196	-	15	-	-	-	-	-	-	-	-	-	-	103	29	-	-	-	-	111	98	-	-	-	-	-	2	-	-	-	-	15	569			
SE	-	-	-	-	-	-	252	791	-	-	1 755	-	-	-	-	-	-	-	-	-	-	-	-	-	-	359	-	-	-	-	-	-	-	3 157			
SI	-	-	-	-	-	-	-	-	-	-	-	-	-	-	408	-	-	297	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	705			
SK	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	805	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	258	1 065		
Other ¹	-	-	-	-	-	-	-	-	14	-	96	-	-	273	-	494	-	-	299	-	159	11	-	-	-	-	-	73	13	-	-	2	-	1 434			
Sum imp.	2 409	328	2 402	465	2 205	1 470	3 487	1 758	371	1 076	1 881	373	2 162	941	1 271	1 714	114	2 871	650	594	492	289	455	70	2 892	13	1 304	733	102	612	106	629	1 227	1 807			

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

4. Load flows (night) on 19.08.2015 at 03:00 a.m. CET



Import (I) and Export (E) balance

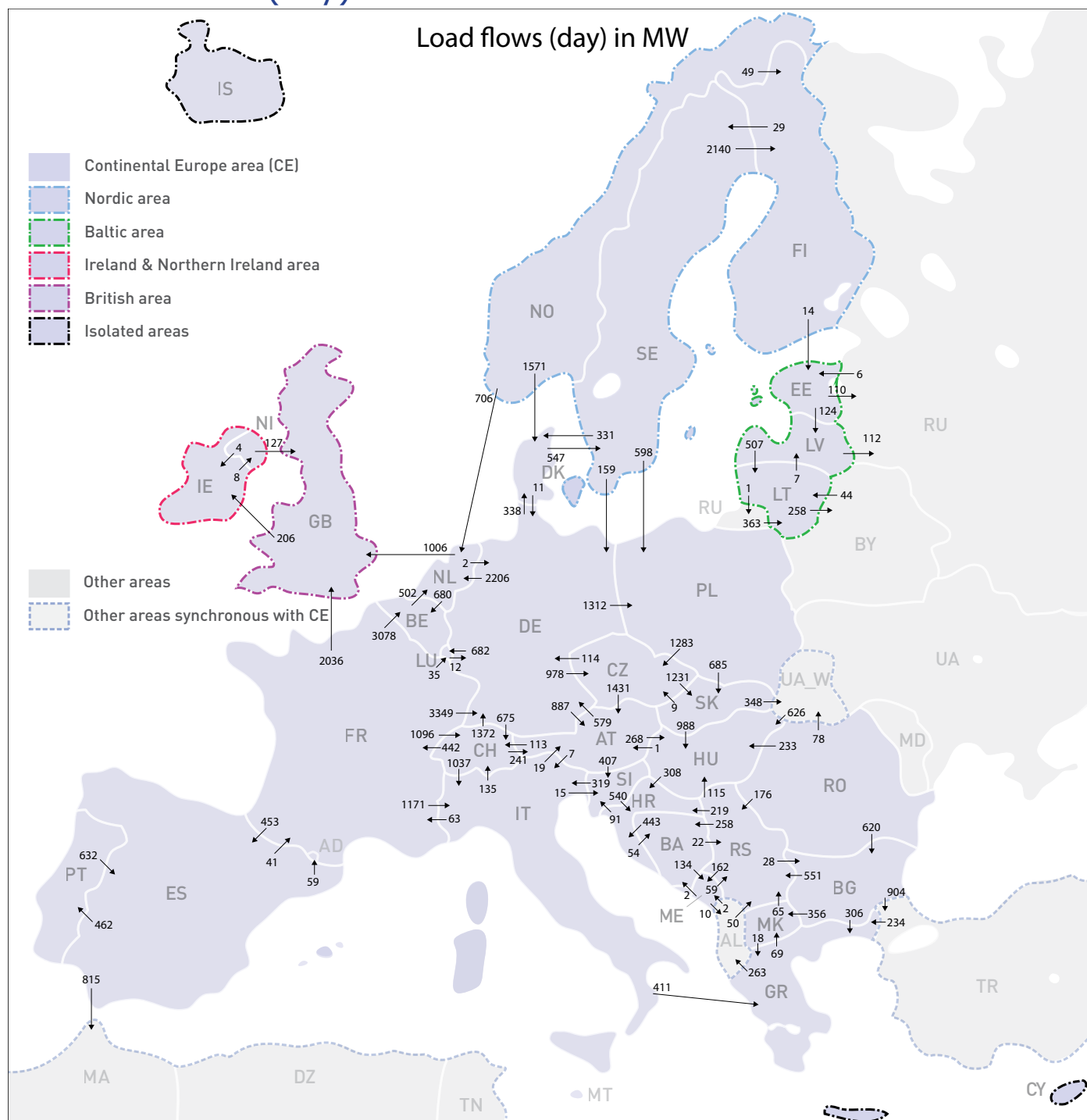
Country	Balance	Country	Balance	Country	Balance	Country	Balance
AT	I = 1071	EE	E = 61	IS ¹	-	NO	E = 1977
BA	E = 313	ES	E = 715	IT	I = 3783	PL	E = 467
BE	I = 3435	FI	I = 1981	LT	I = 859	PT	I = 1241
BG	E = 1486	FR	E = 12007	LU	I = 1098	RO	E = 621
CH	-	GB	I = 3220	LV	I = 361	RS	E = 639
CY ¹	n.a.	GR	I = 1720	ME	I = 121	SE	E = 3652
CZ	E = 353	HR	I = 1073	MK	I = 272	SI	I = 360
DE	E = 4197	HU	I = 1017	NI	E = 141	SK	I = 103
DK	I = 932	IE	E = 341	NL	I = 2402		

Sum of load flows (night) in MW: ENTSO-E: 49 071 Total: 53 265²

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 19.08.2015 at 11:00 a.m. CET



Import (I) and Export (E) balance

Country	Balance	Country	Balance	Country	Balance	Country	Balance
AT	I = 1205	EE	E = 214	IS ¹	-	NO	E = 2326
BA	E = 285	ES	E = 292	IT	I = 1891	PL	E = 58
BE	I = 3256	FI	I = 2146	LT	I = 648	PT	E = 170
BG	E = 1469	FR	E = 10672	LU	I = 705	RO	E = 1107
CH	E = 1073	GB	I = 2963	LV	E = 264	RS	I = 141
CY ¹	-	GR	I = 637	ME	I = 227	SE	E = 2652
CZ	E = 506	HR	I = 1365	MK	I = 342	SI	E = 346
DE	E = 1480	HU	I = 1921	NI	E = 123	SK	I = 571
DK	I = 1682	IE	I = 202	NL	I = 1726		

Sum of load flows (day) in MW:

ENTSO-E: 44 829

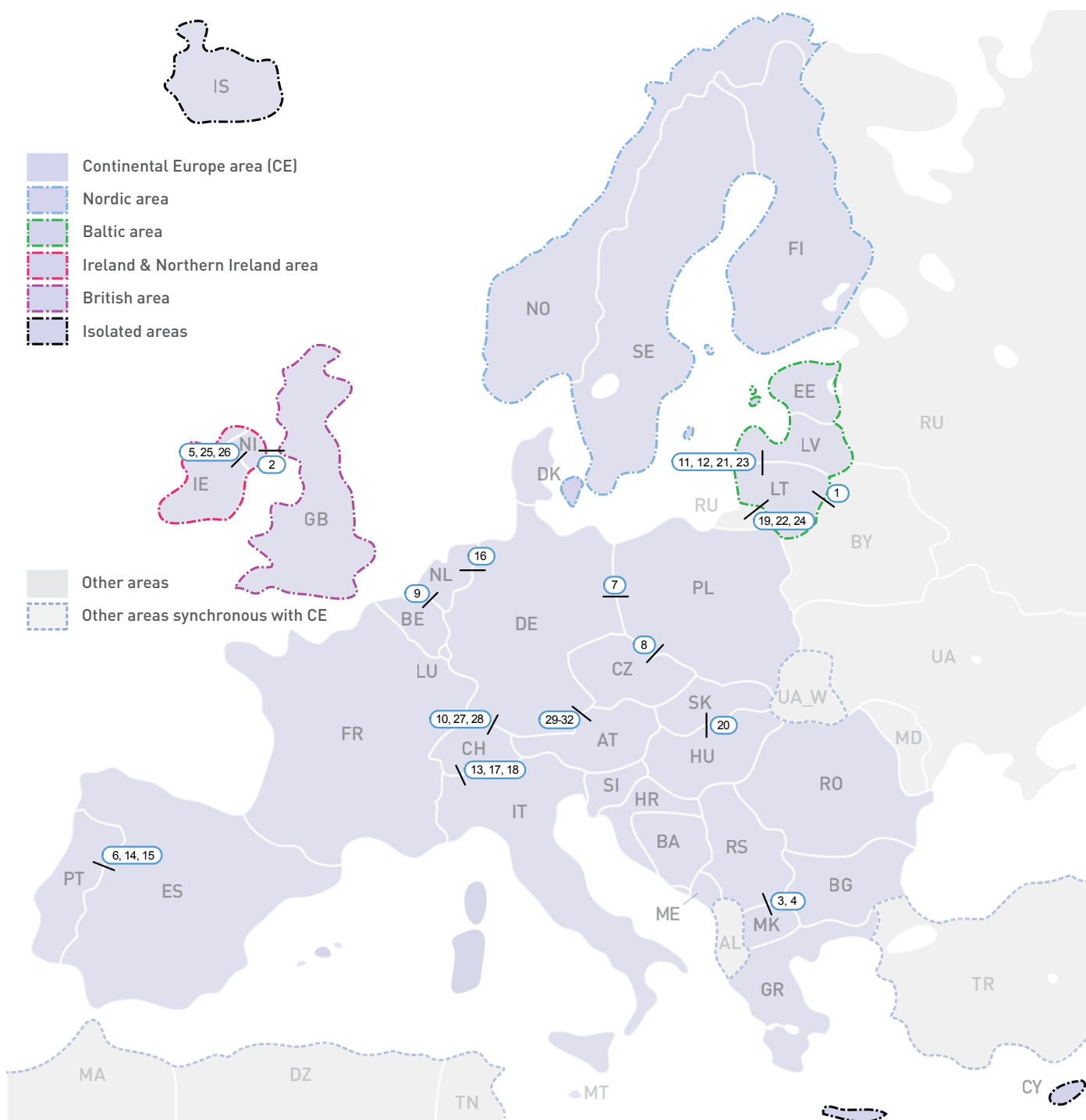
Total: 49 053²

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	861.1.1	IAE (LT)	Smorgon (BY)	330	832	01.08.2015 00:00	R9	44 640
2	222.2.1	Auchencrosh (GB)	Ballycronanmore (NI)	250	250	01.08.2015 00:01	R10	44 639
3	391.1.1	Skopje 1 (MK)	Kosovo A (RS)	220	311	01.08.2015 00:00	R9	43 200
4	391.2.1	Skopje 1 (MK)	Kosovo A (RS)	220	311	01.08.2015 00:00	R9	43 200
5	225.2.1	Louth (IE)	Tandragee (NI)	275	660	01.08.2015 01:00	R10	43 140
6	234.1.2	Cartelle (ES)	Alto Lindoso (PT)	380	1 386	09.08.2015 12:26	R3	32 374
7	502.1.1	Hagenwerder (DE)	Mikulowa (PL)	380	1 386	01.08.2015 09:02	R1	28 436
8	450.1.1	Liskovec (CZ)	Kopanina (PL)	220	400	01.08.2015 00:00	R1	27 510
9	25.1.2	Van Eyck (BE)	Maasbracht (NL)	380	1 270	03.08.2015 08:10	R3	25 106
10	107.1.1	Laufenburg 220 kV (CH)	Laufenburg 110 kV (DE)	110	200	17.08.2015 07:00	R3	21 180
11	851.1.1	Panevėžys (LT)	Aizkraukle (LV)	330	696	12.08.2015 15:22	R5	258
12	851.1.1	Panevėžys (LT)	Aizkraukle (LV)	330	696	20.08.2015 07:15	R1	16 340
13	121.2.1	Gorduno (CH)	Mese (IT)	220	365	17.08.2015 07:00	R1	15 000
14	234.1.1	Cartelle (ES)	Alto Lindoso (PT)	380	1 386	01.08.2015 00:00	R3	12 056
15	234.1.1	Cartelle (ES)	Alto Lindoso (PT)	380	1 386	09.08.2015 09:05	R3	246
16	15.1.2	Gronau (DE)	Hengelo (NL)	380	1 790	24.08.2015 07:55	R9	11 045
17	123.3.1	Serra (CH)	Pallanzeno (IT)	220	365	01.08.2015 00:01	R9	1 919
18	123.3.1	Serra (CH)	Pallanzeno (IT)	220	365	17.08.2015 08:00	R1	6 240
19	882.1.1	Kruonio HAE (LT)	Sovetsk (RU)	330	696	26.08.2015 07:16	R1	7 858
20	711.1.1	Göd (HU)	Levice (SK)	400	1 552	24.08.2015 09:51	R1	7 374
21	850.1.1	Šiauliai/Telšiai (LT)	Jelgava (Viskai) (LV)	330	696	01.08.2015 00:00	R9	6 364
22	880.1.1	Bitėnai (LT)	Sovetsk (RU)	330	696	10.08.2015 09:03	R1	6 249
23	855.1.1	Zarasai (LT)	Daugavpils (LV)	110	76	17.08.2015 08:37	R2	6 075
24	881.1.1	Bitėnai (LT)	Sovetsk (RU)	330	696	03.08.2015 10:35	R2	6 031
25	225.1.1	Louth (IE)	Tandragee (NI)	275	660	19.08.2015 08:00	R1	720
26	225.1.1	Louth (IE)	Tandragee (NI)	275	660	26.08.2015 08:00	R1	3 420
27	102.2.1	Laufenburg (CH)	Kühmoos (DE)	220	478	17.08.2015 07:00	R1	2 040
28	102.2.1	Laufenburg (CH)	Kühmoos (DE)	220	478	19.08.2015 07:00	R1	2 040
29	111.3.1	Bürs (AT)	Dellmensingen (DE)	220	492	03.08.2015 15:55	R9	116
30	111.3.1	Bürs (AT)	Dellmensingen (DE)	220	492	10.08.2015 07:13	R9	3 558
31	111.3.1	Bürs (AT)	Dellmensingen (DE)	220	492	26.08.2015 06:09	R9	51
32	116.2.1	Westtirol (AT)	Memmingen (DE)	220	762	01.08.2015 00:00	R1	3 719

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, ...)

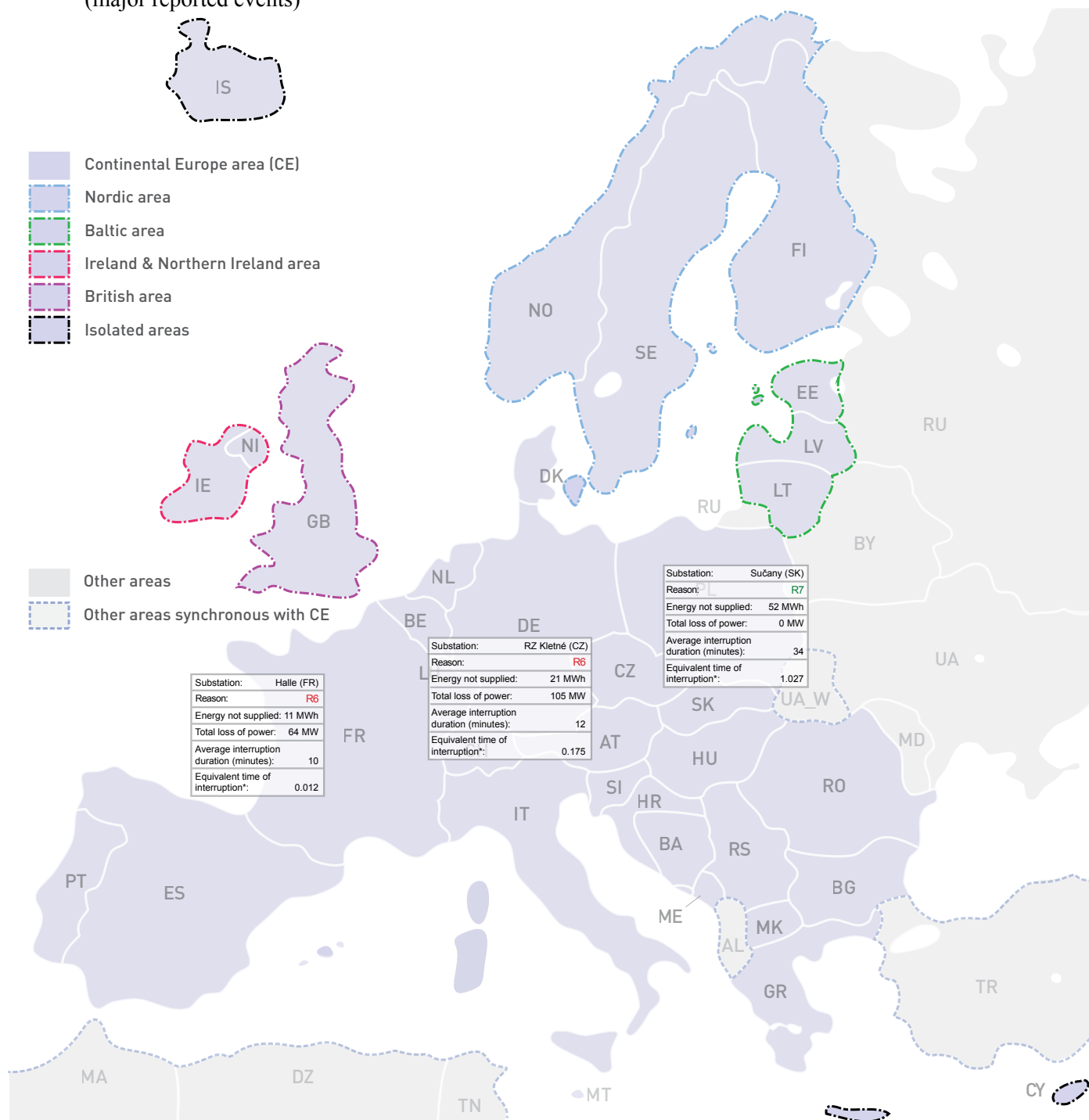
R8: Very exceptional conditions (weather, natural disaster, ...)

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.

PL comment to supply interruption: The severe conditions in August 2015 took place in Poland. A long heatwave caused a gradual increase of non-usable capacity. A rapid growth of outages on the evening of 9 August and the morning of 10 August caused that it was not possible to cover the forecasted load with generation capacities available within Poland and available imports with a sufficient level of reserves. Therefore the Polish TSO, according to Polish legislation, on 10 of August implemented load reduction for industrial consumers (contractual capacity above 300 kW). The situation continued until 12 August (22 hours in total when restrictions were introduced). There were no supply interruptions understood as disconnections, but industrial customers were obliged to reduce their load by themselves to levels, specified in their transmission/distribution agreements with respective TSO/DSO binding in case TSO announces load reductions and supply degrees.

* 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 (Aug. 2014 to Jul. 2015) and includes the reporting month for purposes of comparison.

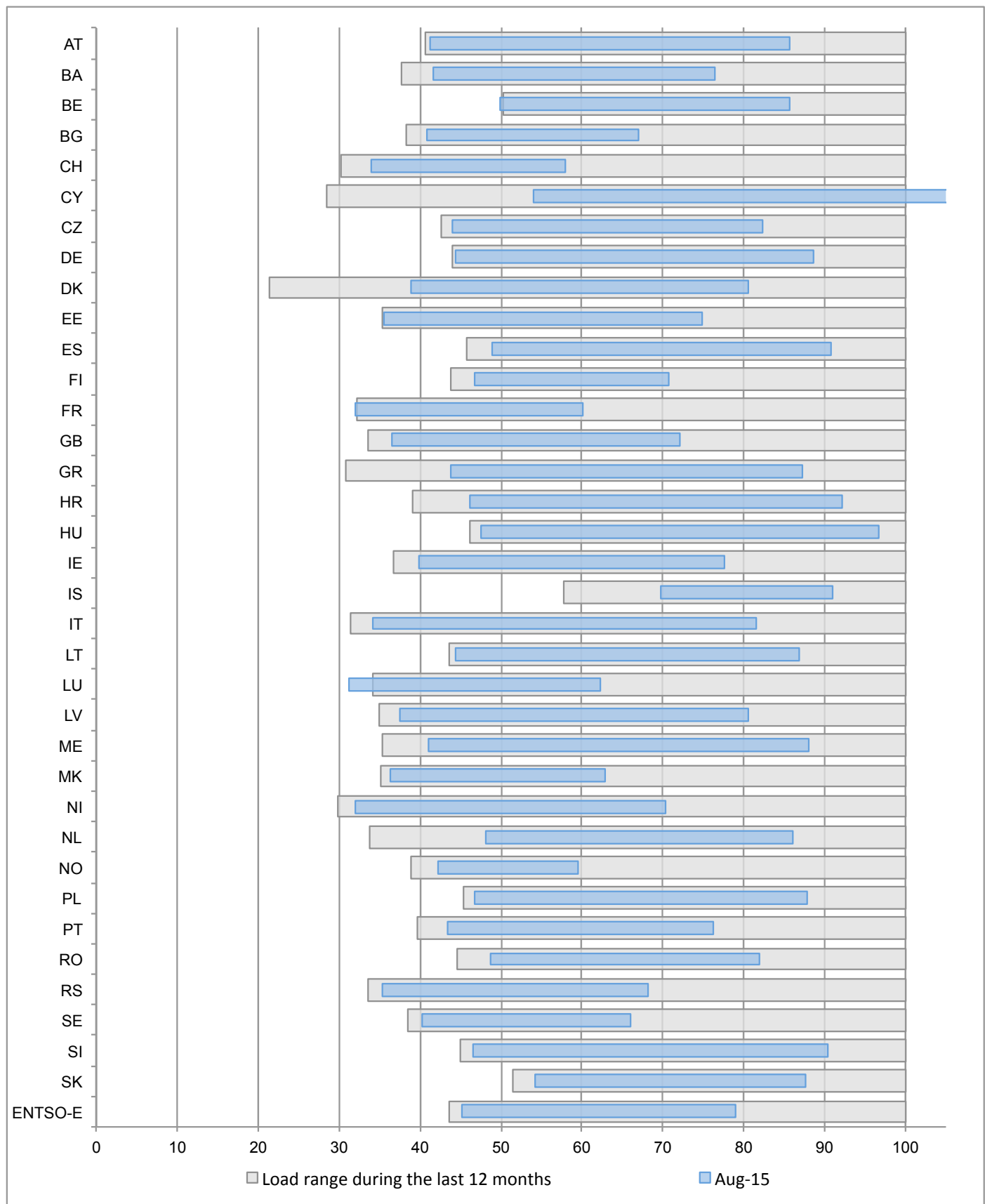
	Highest load values in MW						Lowest load values in MW					
	Last 12 months			Reported month			Last 12 months			Reported month		
	Load value	Date	Time	Load value	Date	Time	Load value	Date	Time	Load value	Date	Time
AT	11 471	10/12/14	17:00	9 833	31/08/15	12:00	4 673	17/08/14	04:00	4 722	23/08/15	04:00
BA	2 207	31/12/14	18:00	1 689	07/08/15	15:00	833	05/08/14	06:00	920	24/08/15	04:00
BE ²	13 129	22/01/15	19:00	11 260	31/08/15	12:00	6 599	26/07/15	07:00	6 556	02/08/15	07:00
BG ²	7 106	31/12/14	19:00	4 761	31/08/15	21:00	2 715	07/09/14	04:00	2 897	23/08/15	05:00
CH	10 155	12/02/15	09:00	5 878	24/08/15	12:00	3 065	01/08/14	12:00	3 441	17/08/15	05:00
CY	871	25/08/14	15:00	954	04/08/15	15:00	248	20/10/14	03:00	471	30/08/15	07:00
CZ	10 058	10/12/14	17:00	8 279	31/08/15	13:00	4 290	10/08/14	06:00	4 428	02/08/15	06:00
DE	81 567	03/12/14	18:00	72 331	31/08/15	12:00	35 938	25/05/15	04:00	36 246	02/08/15	05:00
DK	5 844	10/06/15	11:00	4 713	27/08/15	11:00	1 251	28/03/15	00:00	2 272	02/08/15	06:00
EE	1 408	02/12/14	16:00	1 055	28/08/15	13:00	498	26/07/15	05:00	500	02/08/15	05:00
ES	40 324	04/02/15	21:00	36 645	31/08/15	14:00	18 426	25/12/14	06:00	19 730	16/08/15	08:00
FI	13 567	22/01/15	08:00	9 591	28/08/15	10:00	5 932	21/06/15	05:00	6 341	09/08/15	05:00
FR	91 611	06/02/15	19:00	55 046	31/08/15	13:00	29 493	17/08/14	07:00	29 299	16/08/15	07:00
GB ²	59 576	19/01/15	19:00	42 951	14/08/15	12:00	19 955	17/08/14	07:00	21 750	03/08/15	05:00
GR	9 813	30/07/15	13:00	8 570	03/08/15	14:00	3 021	12/10/14	15:00	4 298	23/08/15	07:00
HR	2 974	31/12/14	18:00	2 739	14/08/15	21:00	1 160	22/06/15	06:00	1 372	17/08/15	04:00
HU	6 106	08/07/15	13:00	5 907	13/08/15	13:00	2 822	21/08/14	04:00	2 907	21/08/15	04:00
IE	4 662	14/01/15	18:00	3 619	20/08/15	19:00	1 708	03/08/14	08:00	1 855	02/08/15	08:00
IS	2 327	25/02/15	14:00	2 117	24/08/15	12:00	1 346	13/10/14	01:00	1 622	08/08/15	07:00
IT	59 648	22/07/15	16:00	48 610	31/08/15	16:00	18 738	26/12/14	05:00	20 327	17/08/15	04:00
LT	1 783	04/12/14	16:00	1 549	12/08/15	13:00	776	18/08/14	03:00	790	02/08/15	05:00
LU	1 087	07/07/15	12:00	678	27/08/15	12:00	371	17/08/14	04:00	339	02/08/15	04:00
LV	1 251	03/12/14	16:00	1 008	12/08/15	13:00	438	25/06/15	04:00	469	02/08/15	05:00
ME	638	31/12/14	20:00	562	13/08/15	21:00	225	11/05/15	05:00	262	20/08/15	04:00
MK	1 507	31/12/14	18:00	948	12/08/15	21:00	530	02/06/15	04:00	548	04/08/15	05:00
NI	1 745	10/12/14	19:00	1 228	25/08/15	19:00	522	03/08/14	07:00	559	16/08/15	08:00
NL	18 460	03/12/14	18:00	15 882	31/08/15	17:00	6 233	29/11/14	05:00	8 892	02/08/15	07:00
NO	22 530	04/02/15	09:00	13 416	13/08/15	12:00	8 743	03/08/14	07:00	9 527	23/08/15	06:00
PL ³	23 463	10/12/14	17:00	20 632	31/08/15	21:00	10 637	17/08/14	06:00	10 948	02/08/15	06:00
PT	8 618	07/01/15	21:00	6 574	06/08/15	16:00	3 412	05/04/15	08:00	3 732	16/08/15	08:00
RO	8 522	09/12/14	18:00	6 990	31/08/15	22:00	3 799	12/04/15	15:00	4 150	24/08/15	04:00
RS	7 399	31/12/14	18:00	5 048	31/08/15	21:00	2 483	15/09/14	04:00	2 618	23/08/15	06:00
SE	23 870	29/12/14	11:00	15 769	31/08/15	12:00	9 201	03/08/14	06:00	9 623	08/08/15	06:00
SI	2 108	25/11/14	18:00	1 905	19/08/15	13:00	947	26/12/14	04:00	983	02/08/15	06:00
SK	4 119	27/11/14	18:00	3 609	13/08/15	13:00	2 119	03/08/14	06:00	2 231	02/08/15	06:00
ENTSO-E	528 092	05/02/15	19:00	417 511	31/08/15	13:00	230 343	17/08/14	0.29	238 944	16/08/15	07:00

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

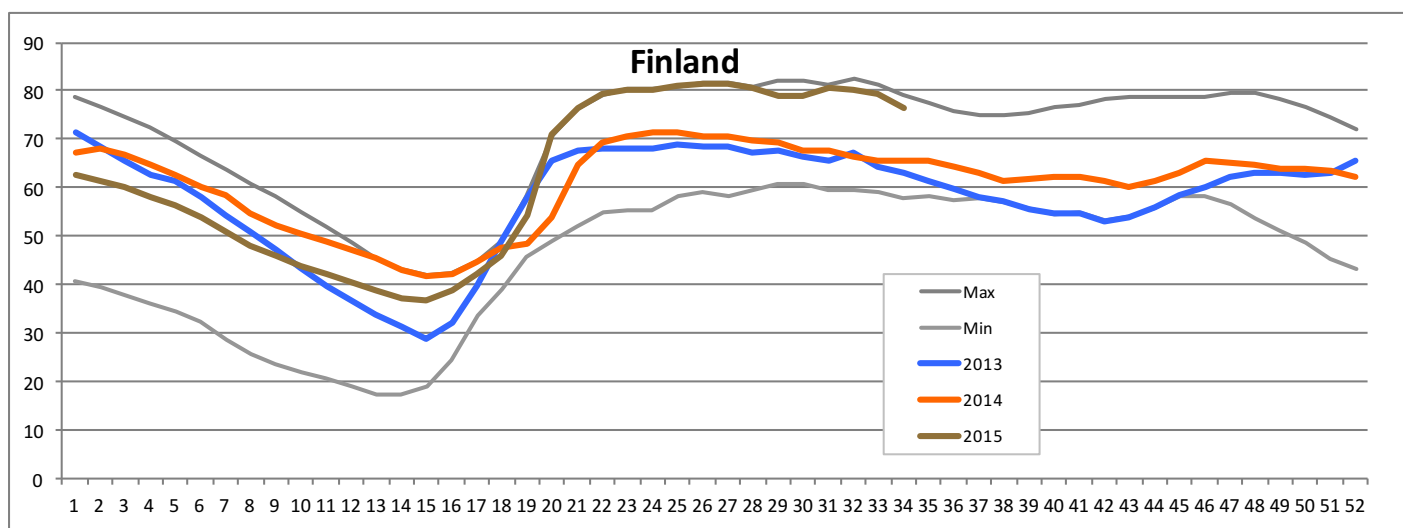
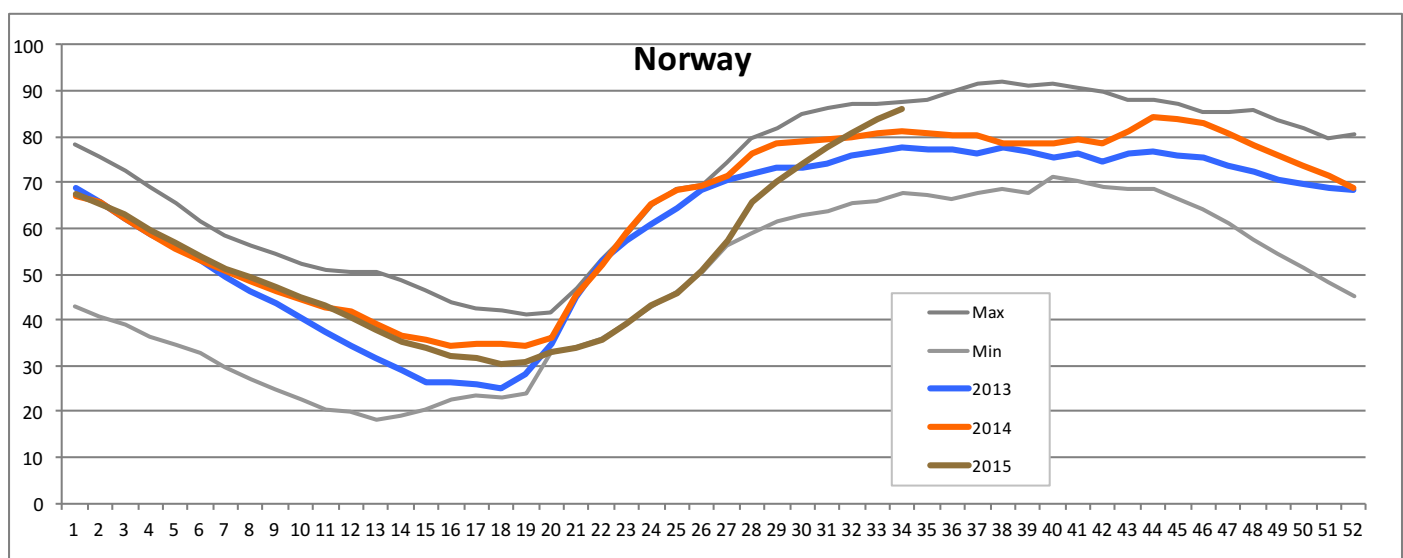
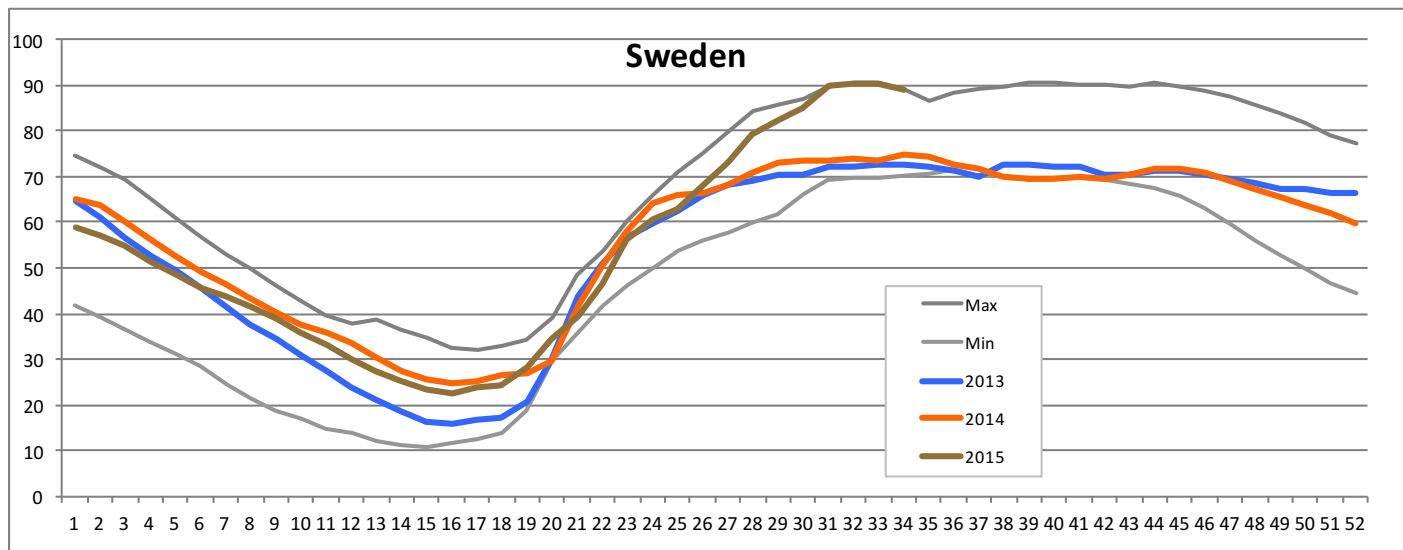
² The reported figures are best estimates based on actual measurements and extrapolations.

³ Load data comes from PSE measurement - no other source of this data.

The following diagram shows the percentual load range for the current month compared to the percentual load range of the last 12 months (Aug. 2014 to Jul. 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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