Statistical Yearbook 2007

union for the co-ordination of transmission of electricity

UCTE

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Introduction

What is UCTE ?

The »Union for the Co-ordination of Transmission of Electricity« (UCTE) is an association of transmission system operators in continental Europe, providing a reliable market base by efficient and secure electrical »power highways«. The interconnected system ensures the technical condition for the reliable operation, and provides benefit for all market participants because they guarantee market access.
For more than fifty years UCTE has been co-ordinating by a variety of technical rules and recommendations the international operation of high voltage grids that all work with one »heart beat«: the 50 Hz UCTE frequency. UCTE is committed to the development of the system to meet all new market requirements, but without losses in terms of reliability for the existing system. The UCTE network brings a safe electricity supply for some 500 million people. Therefore UCTE handles one of the biggest electrical synchronous interconnections worldwide. This technical solution provides the possibility of the free market operation.

Keyfigures	29	Transmission System Operators (TSOs)
	24	European Countries
	500 million	People served by the represented power systems
	640 GW	Installed capacity
	2600 TWh	Electricity consumption in 2007
	300 TWh	Sum of electricity exchange between member TSOs under rules of UCTE
	220.000 km	Length of high-voltage transmission lines managed by the TSOs

UCTE activities include the preparation of a statistical yearbook. This publication is the result of the ongoing efforts of the Working Group "Data", the national data coordinators and the UCTE Secretariat on the development, processing and production of appropriate statistics.
Part of the statistical data are used for various graphical representations in other publications such as the Memo and the Monthly Statistics, which are amongst others all available on the web site "http://www.ucte.org".
Figures indicated for the various countries may differ from other national statistics published, since the former will only describe that part of the electricity supply system which is concerned with interconnected system operation. Consequently, these data will not be representative of the entire electricity supply system in any given country. This yearbook is therefore mainly a document, which has been produced to meet the needs of members of the UCTE.
The statistical data correspondents responsible for the production of national data published in this yearbook are listed below. They will be able to provide information on the contents and the interpretation of these statistics.

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1 MONTHLY VALUES

Monthly values

I

OPERATION AND PHYSICAL EXCHANGE BALANCE PER COUNTRY FOR THE YEARS 1997, 2006, 2007

Third countries	1997	2006	2007
Bulgaria (BG)	BG		
Czech Republic (CZ)	CZ		
Hungary (HU)	HU		
Poland (PL)	PL		
Romania (RO)	RO		
Slovak Republic (SK)	SK		
Denmark West (DK_W)		DK_W	DK_W [4]
Ukraine West (UA_W)		UA_W	UA_W
Albania (AL)	AL	AL	AL
Belarus (BY)		BY	BY
Denmark (DK)	DK		
Denmark East (DK_E)		DK_E	DK_E
Great Britain (GB)	GB	GB	GB
Morocco (MA)	MA	MA	MA
Republic of Moldavia (MD)		MD	MD
Norway (NO)		NO	NO
Sweden (SE)	SE	SE	SE
Republic of Turkey (TR)		TR	TR
Ukraine (UA)		UA	UA

Remark: When summing up the values, rounding deviations may occur.

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[1] Denmark West represents the Western part of Denmark synchronously interconnected with UCTE (Jutland and Funen)
[2] FYROM = Former Yugoslav Republic of Macedonia
[3] Ukraine West represents the so-called Burshtyn Island synchronously interconnected with UCTE
[4] From June 2007 on full member of UCTE
[5] Including values of UCTE members in the particular year

The following information for the individual countries is presented on the next pages:

Thermal nuclear net production (national values)

Thermal conventional net production (national values)

Hydraulic net production (national values)

Other renewable net production (national values)
- of which wind

Not clearly identifiable net production (national values)

Total net electrical energy production,
calculated to represent 100% of the national values

Physical import

Physical export

Total physical import/export balance

Consumption of pumps

National electrical consumption,
calculated to represent 100% of the national values

Consumption load at 3:00 a.m. on the 3rd Wednesday,
calculated to represent 100% of the national values

Consumption load at 11:00 a.m. on the 3rd Wednesday,
calculated to represent 100% of the national values

Highest load on the 3rd Wednesday,
calculated to represent 100% of the national values

Time of the highest load on the 3rd Wednesday

Power produced in parallel operation on the 3rd Wednesday at 11:00 a.m.

Similar information is represented in the following graphs of the Statistical Yearbook:
- Net production on pages 134 and 135
- Physical exchanges on pages 139, 140, 150 and 151
- Load curves on pages 98-111

Physical exchanges in interconnected operation
The exchanges CS, HR and SI in the year 1997 correspond to the historical country code YUGO and SIHR.

Overview UCTE in figures 2007

Countries		AT[1]	BA	BE	BG	CH	CZ	DE	DK_W	ES	FR	GR	HR[1]
Net production "All values are calculated to represent 100% of the national values"													
Thermal nuclear	GWh	0	0	45854	13613	26344	24623	133203	0	52668	418609	0	0
Thermal conventional	GWh	20983	7782	33700	22122	2146	53983	365971	16403	161916	55033	47577	6664
Hydroproduction	GWh	34793	4001	1674	2446	36373	2513	24361	31	29881	63154	3367	4361
Other renewable	GWh	0	0	3623	0	1053	288	60454	7135	33436	7911	1511	39
- of which wind power	GWh	0	0	491	0	12	119	39535	5625	26888	4048	1333	35
Not clearly identifiable	GWh	8031	0	0	0	0	0	0	0	0	0	0	0
Total net production	GWh	63807	11783	84851	38181	65916	81407	583989	23569	277901	544707	52455	11064
Consumption "All values are calculated to represent 100% of the national values"													
Consumption	GWh	67439	11171	89915	33126	63060[2]	64663	555899	21794	267799	480308	55688	17380
Maximum load on the 3rd Wednesday "All values are calculated to represent 100% of the national values"													
Maximum load	MW	9265	1974	13789	6839	9953	10031	82787	3713	43352	87897	9771	3036
Maximum output capacity as of 31December 2007 "All values are identical with the national values and there representativity"													
Thermal nuclear	MW	0	0	5825	2000	3220	3537	20300	0	7465	63260	0	0
Thermal conventional	MW	6254	1957	8226	5800	355	10542	70500	5173	43624	24085	8049	1691
Hydropower	MW	11811	2064	1411	2700	13465	2175	9100	10	20333	25404	3136	2079
Renewable ernergy sources	MW	849	0	861	9	335	163	28400	2499	14253	3130	784	10
Not unambigously identified energy sources	MW	0	0	0	0	195	0	0	0	0	0	0	0
Total	MW	18914	4021	10509	10509	17570	16417	128300	7682	85675	115879	11969	3780
Representativity of the values	%	100	100	100	100	100	100	90	100	100	100	100	100

[1] Maximum output capacity as of 31 December 2006
[2] Calculations based on the UCTE database differ from the official values from the Swiss Federal Office of Energy
[3] From June 2007 on including DK_W values

Percentage as referred to the national values

Countries		AT	BA	BE	BG	CH	CZ	DE	DK_W	ES	FR	GR	HR
Thermal nuclear	%	100	100	100	100	100	100	100	100	100	100	100	100
Thermal conventional	%	100	100	100	100	100	100	100	100	97	100	100	100
Hydroproduction	%	100	100	100	100	100	100	100	100	100	100	100	100
Other renewable	%	100	100	100	100	100	100	100	100	95	100	100	100
Not clearly identifiable	%	100	100	100	100	100	100	100	100	100	100	100	100
Consumption	%	100	100	100	100	100	100	100	100	98	100	100	100
Load	%	100	100	100	100	100	100	91	100	98	100	100	100

HU	IT	LU	ME	MK	NL	PL	PT	RO	RS	SI	SK	UCTE [3]	UA_W
13796	0	0	0	0	3993	0	0	7053	0	5421	14181	**759358**	0
21811	253866	2885	765	5016	88628	145128	28350	33692	28969	4816	7080	**1408543**	8096
209	37961	904	1292	1054	97	2684	10218	15622	9928	2814	4511	**294233**	145
1485	9602	151	4	0	6618	622	6068	0	0	0	308	**136894**	0
110	4034	67	0	0	3435	506	4011	0	0	0	5	**87454**	0
0	0	0	0	0	10	0	0	0	0	0	0	**8041**	0
37301	301429	3940	2061	6070	99346	148434	44636	56367	38897	13051	26080	**2607069**	8241
41289	339928	6777	4654	8566	116955	142206	51584	54119	37839	13448	27581	**2563964**	4271
6540	55883	1022	695	1556	17840	22601	9132	8681	6534	2173	4418	**411018**	917
1799	0	0	0	0	485	0	0	1300	0	696	2200	**112087**	0
5360	69022	490	190	907	18911	29818	6703	8995	5524	1260	2767	**336203**	2347
46	21117	1128	649	503	37	2327	4951	5859	2831	873	2478	**136487**	27
485	3459	69	9	0	2588	318	2435	7	0	0	63	**60726**	0
723	0	0	0	0	0	0	0	0	0	0	0	**918**	0
8413	93598	1687	848	1410	22021	32463	14089	16161	8355	2829	7508	**646421**	2374
100	100	100	100	100	100	100	97	100	100	100	100		100

HU	IT	LU	ME	MK	NL	PL	PT	RO	RS	SI	SK		UA_W
100	100	100	100	100	100	100	100	100	100	100	100		100
100	100	100	100	100	100	100	95	100	100	100	100		100
100	100	100	100	100	100	100	100	100	100	100	100		100
100	100	100	100	100	100	100	100	100	100	100	100		100
100	100	100	100	100	100	100	100	100	100	100	100		100
100	100	100	100	100	100	100	97	100	100	95	100		100
100	100	100	100	100	100	100	97	100	100	95	100		100

Austria

Monthly values / Operation

				I-XII
Thermal nuclear net production	GWh	Σ	1997	0
			2006	0
			2007	0
Thermal conventional net production	GWh	Σ	1997	13227
			2006	22481
			2007	20983
Hydraulic net production	GWh	Σ	1997	34499
			2006	34102
			2007	34793
Other renewable net production [1]	GWh	Σ	2006	0
			2007	0
- of which wind	GWh	Σ	2006	0
			2007	0
Not clearly identifiable net production [1]	GWh	Σ	2006	6407
			2007	8031
Total net electrical energy production, calculated to represent 100% of the national values	GWh	Σ	1997	55796
			2006	62990
			2007	63807
Physical import	GWh	Σ	1997	9636
			2006	23147
			2007	23979
Physical export	GWh	Σ	1997	9701
			2006	15882
			2007	17067
Total physical import/export balance [2]	GWh	Σ	1997	-788
			2006	6848
			2007	6618
Consumption of pumps	GWh	Σ	1997	1469
			2006	3338
			2007	2986
National electrical consumption, calculated to represent 100% of the national values	GWh	Σ	1997	53539
			2006	66500
			2007	67439
Consumption load 3:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1997	6529
			2006	6638
			2007	6403
Consumption load 11:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1997	8575
			2006	8951
			2007	8979
Highest load on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1997	8641
			2006	9222
			2007	9265
Time of highest load on the 3rd Wednesday		CET	1997	18:00
			2006	18:00
			2007	18:00
Power produced in parallel operation on the 3rd Wednesday at 11:00 a.m.	MW	max.	1997	8492
			2006	10010

[1] Before 2005, the information on renewable and not identifiable energy sources was collected in a different manner. Some countries added them to thermal conventional, some considered them as the part of not represented in the figures (through the factor "representativity").

I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
2226	1707	1171	931	228	214	188	270	1032	1599	2001	1660
3027	2757	2819	1492	862	964	1519	1175	1243	1930	2330	2363
2100	1911	1632	1313	819	1271	1450	1365	1566	2502	2523	2531
2218	1991	2729	2805	3796	3898	4093	3722	2556	2438	1930	2323
1882	1851	2459	3301	3983	4092	3676	3658	2810	2248	2301	1841
2361	2242	2833	2762	3153	3203	3511	3121	3505	2875	2655	2572
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
341	303	0	634	759	701	602	725	598	566	669	509
787	507	649	655	752	588	701	574	762	618	863	575
5107	4299	4587	4395	4678	4780	4977	4695	4221	4749	4624	4684
5250	4911	5278	5427	5604	5757	5797	5558	4651	4744	5300	4713
5248	4660	5114	4730	4724	5062	5662	5060	5833	5995	6041	5678
973	978	827	868	679	460	542	451	813	886	1015	1144
2757	2355	2082	1590	1252	1414	1403	1223	1912	2273	1992	2894
2818	2313	2462	2235	2058	1517	1419	1452	1413	1772	2025	2495
662	562	618	647	1026	1096	1138	1037	752	842	681	640
1260	1202	1392	1458	1249	1641	1614	1403	1074	1162	1234	1193
1430	1189	1417	1526	1272	1080	1422	1118	1758	1613	1696	1546
200	274	167	117	-389	-551	-607	-610	-19	27	203	400
1443	1104	650	100	-22	-257	-229	-185	801	1090	708	1645
1299	1084	997	661	776	457	11	340	-296	122	267	900
21	44	96	70	277	229	284	119	84	95	50	100
286	258	224	261	342	346	295	243	264	273	242	304
281	224	215	197	202	320	332	221	206	252	250	286
5286	4529	4658	4442	4012	4000	4086	3966	4118	4681	4777	4984
6407	5757	5704	5266	5240	5154	5273	5130	5188	5561	5766	6054
6266	5520	5896	5194	5298	5199	5341	5179	5331	5865	6058	6292
6529	5633	5121	5195	4296	4005	4180	4056	4349	4705	5578	6356
6638	6502	6416	5160	4948	5119	5097	4371	5056	5490	5560	6521
5999	5939	5953	5101	5073	5229	5187	4635	5231	5549	6242	**6403**
8575	7987	7832	7803	6937	7222	7249	7137	7170	7688	7922	8401
8951	8644	8532	7419	7527	7740	7556	7032	7507	7818	8031	8816
8472	8410	8384	7745	7721	7797	7859	5723	7596	8026	8740	**8979**
8575	8002	7832	7857	7150	7222	7249	7137	7219	7688	8248	**8641**
9045	8914	8595	7546	7688	7940	7728	7234	7656	7897	8393	**9222**
8733	8485	8475	7864	7851	7908	8023	5875	7735	8060	9042	**9265**
11:00	12:00	11:00	12:00	12:00	11:00	11:00	11:00	12:00	11:00	18:00	**18:00**
18:00	19:00	12:00	12:00	12:00	12:00	12:00	12:00	12:00	19:00	18:00	**18:00**
18:00	19:00	12:00	12:00	12:00	12:00	12:00	12:00	12:00	12:00	18:00	**18:00**
8492	7510	8069	7976	7986	8247	7882	8027	7006	8132	7145	7332
8742	7871	9810	8935	7875	9294	**10010**	9045	8725	7908	8516	8355

[2] Terminology 2.15, see also note Physical energy exchange in interconnected operation

Physical exchanges in interconnected operation [1]

Austria | GWh

MM_YY	AT→CH	AT→CZ	AT→DE	AT→HU	AT→IT	AT→SI	UCTE_EXP	Total_EXP	CH→AT	CZ→AT	DE→AT	HU→AT	IT→AT	SI→AT	UCTE_IMP	Total_IMP	AT_UCTE	AT_Total
	Export (-)								Import (+)								Balance	
I.97	121	2	272	10	123	134	650	662	40	269	552	108	0	4	596	973	-54	311
II.97	112	4	206	15	114	111	543	562	32	237	631	77	0	1	664	978	121	416
III.97	127	13	228	26	121	103	579	618	31	196	522	70	0	8	561	827	-18	209
IV.97	218	7	167	11	141	103	629	647	4	220	581	57	0	6	591	868	-38	221
V.97	244	0	316	51	164	251	975	1026	23	164	442	50	0	0	465	679	-510	-347
VI.97	149	3	482	44	147	271	1049	1096	29	256	136	39	0	0	165	460	-884	-636
VII.97	49	18	640	34	160	237	1086	1138	113	202	179	48	0	0	292	542	-794	-596
VIII.97	151	27	578	36	121	124	974	1037	36	145	214	47	0	9	259	451	-715	-586
IX.97	162	2	255	19	145	169	731	752	40	254	448	71	0	0	488	813	-243	61
X.97	266	8	209	19	137	203	815	842	24	180	605	77	0	0	629	886	-186	44
XI.97	241	1	130	36	119	154	644	681	17	252	699	46	0	1	717	1015	73	334
XII.97	251	3	170	23	115	78	614	640	28	233	797	69	0	17	842	1144	228	504
1997	**2091**	**88**	**3653**	**324**	**1607**	**1938**	**9289**	**9701**	**417**	**2608**	**5806**	**759**	**0**	**46**	**6269**	**9636**	**-3020**	**-65**
I.06	754	0	419	2	75	10	1260	1260	0	631	1706	196	2	222	2757	2757	1497	1497
II.06	687	4	405	3	89	14	1202	1202	0	527	1531	138	1	158	2355	2355	1153	1153
III.06	696	7	541	11	112	25	1392	1392	1	425	1405	123	0	128	2082	2082	690	690
IV.06	613	2	548	43	113	139	1458	1458	1	421	1050	106	0	12	1590	1590	132	132
V.06	374	2	622	25	140	86	1249	1249	11	485	638	112	0	6	1252	1252	3	3
VI.06	694	0	687	49	113	98	1641	1641	0	428	899	62	0	25	1414	1414	-227	-227
VII.06	511	4	823	37	131	108	1614	1614	28	392	898	12	0	73	1403	1403	-211	-211
VIII.06	489	3	652	26	137	96	1403	1403	20	123	843	181	0	56	1223	1223	-180	-180
IX.06	486	0	358	51	114	65	1074	1074	12	649	1108	58	0	85	1912	1912	838	838
X.06	615	0	277	47	133	90	1162	1162	1	672	1449	39	0	112	2273	2273	1111	1111
XI.06	610	1	322	125	124	52	1234	1234	5	575	1360	6	0	46	1992	1992	758	758
XII.06	775	0	188	46	134	50	1193	1193	3	811	1912	29	0	139	2894	2894	1701	1701
2006	**7304**	**23**	**5842**	**465**	**1415**	**833**	**15882**	**15882**	**82**	**6139**	**14799**	**1062**	**3**	**1062**	**23147**	**23147**	**7265**	**7265**
I.07	906	0	227	104	121	72	1430	1430	0	752	1939	20	0	107	2818	2818	1388	1388
II.07	695	0	220	91	109	74	1189	1189	0	593	1594	30	0	96	2313	2313	1124	1124
III.07	860	0	268	76	125	88	1417	1417	0	725	1635	27	0	75	2462	2462	1045	1045
IV.07	880	0	276	88	118	164	1526	1526	0	750	1437	17	0	31	2235	2235	709	709
V.07	632	0	316	63	129	132	1272	1272	2	761	1193	77	0	25	2058	2058	786	786
VI.07	360	6	370	132	111	101	1080	1080	10	519	945	5	0	38	1517	1517	437	437
VII.07	401	4	488	243	139	147	1422	1422	5	590	806	1	0	17	1419	1419	-3	-3
VIII.07	304	2	408	160	98	146	1118	1118	13	564	859	4	0	12	1452	1452	334	334
IX.07	721	7	518	186	128	198	1758	1758	0	349	1054	5	0	5	1413	1413	-345	-345
X.07	683	4	501	127	124	174	1613	1613	5	449	1285	14	0	19	1772	1772	159	159
XI.07	885	12	546	101	77	75	1696	1696	0	407	1529	18	0	71	2025	2025	329	329
XII.07	895	5	373	86	126	61	1546	1546	2	529	1856	25	0	83	2495	2495	949	949
2007	**8222**	**40**	**4511**	**1457**	**1405**	**1432**	**17067**	**17067**	**37**	**6988**	**16132**	**243**	**0**	**579**	**23979**	**23979**	**6912**	**6912**

[1] These physical energy flows were measured on the cross-frontier transmission lines (≥110 kV). These values may differ from the official statistics and the total physical balance in the table "Monthly values: Operation".

Physical exchanges in interconnected operation [1]

Bosnia-Herzegovina | GWh

MM_YY	BA→CS	BA→HR	BA→ME	BA→RS	UCTE_EXP	Total_EXP	CS→BA	HR→BA	ME→BA	RS→BA	UCTE_IMP	Total_IMP	BA_UCTE	BA_Total
	Export (-)						Import (+)						Balance	
I.97	n.a.	n.a.			n.a.	n.a.	n.a.	n.a.			n.a.	n.a.	n.a.	n.a.
II.97	n.a.	n.a.			n.a.	n.a.	n.a.	n.a.			n.a.	n.a.	n.a.	n.a.
III.97	n.a.	n.a.			n.a.	n.a.	n.a.	n.a.			n.a.	n.a.	n.a.	n.a.
IV.97	n.a.	n.a.			n.a.	n.a.	n.a.	n.a.			n.a.	n.a.	n.a.	n.a.
V.97	n.a.	n.a.			n.a.	n.a.	n.a.	n.a.			n.a.	n.a.	n.a.	n.a.
VI.97	n.a.	n.a.			n.a.	n.a.	n.a.	n.a.			n.a.	n.a.	n.a.	n.a.
VII.97	n.a.	n.a.			n.a.	n.a.	n.a.	n.a.			n.a.	n.a.	n.a.	n.a.
VIII.97	n.a.	n.a.			n.a.	n.a.	n.a.	n.a.			n.a.	n.a.	n.a.	n.a.
IX.97	n.a.	n.a.			n.a.	n.a.	n.a.	n.a.			n.a.	n.a.	n.a.	n.a.
X.97	n.a.	n.a.			n.a.	n.a.	n.a.	n.a.			n.a.	n.a.	n.a.	n.a.
XI.97	n.a.	n.a.			n.a.	n.a.	n.a.	n.a.			n.a.	n.a.	n.a.	n.a.
XII.97	n.a.	n.a.			n.a.	n.a.	n.a.	n.a.			n.a.	n.a.	n.a.	n.a.
1997	**n.a.**	**n.a.**			**n.a.**	**n.a.**	**n.a.**	**n.a.**			**n.a.**	**n.a.**	**n.a.**	**n.a.**
I.06	159	352			511	511	106	62			168	168	-343	-343
II.06	101	298			399	399	127	76			203	203	-196	-196
III.06	7	391			398	398	80	64			144	144	-254	-254
IV.06	100	395			495	495	87	64			151	151	-344	-344
V.06	105	352			457	457	208	51			259	259	-198	-198
VI.06	60	320			380	380	264	65			329	329	-51	-51
VII.06	94	361			455	455	230	25			255	255	-200	-200
VIII.06	170	259			429	429	220	41			261	261	-168	-168
IX.06	163	206			369	369	200	46			246	246	-123	-123
X.06	191	242			433	433	252	58			310	310	-123	-123
XI.06	184	234			418	418	252	53			305	305	-113	-113
XII.06	142	237			379	379	315	69			384	384	5	5
2006	**1476**	**3647**			**5123**	**5123**	**2341**	**674**			**3015**	**3015**	**-2108**	**-2108**
I.07		138	177	47	362	362		136	5	261	136	402	-226	40
II.07		157	148	23	328	328		56	22	193	56	271	-272	-57
III.07		133	191	29	353	353		67	18	130	67	215	-286	-138
IV.07		95	146	14	255	255		82	19	172	82	273	-173	18
V.07		103	124	25	252	252		112	20	204	112	336	-140	84
VI.07		62	187	28	277	277		122	4	198	122	324	-155	47
VII.07		75	244	20	339	339		141	6	187	141	334	-198	-5
VIII.07		66	303	45	414	414		172	1	156	172	329	-242	-85
IX.07		126	237	38	401	401		86	2	202	86	290	-315	-111
X.07		189	176	39	404	404		78	7	246	78	331	-326	-73
XI.07		317	143	33	493	493		54	28	213	54	295	-439	-198
XII.07		241	200	25	466	466		69	31	243	69	343	-397	-123
2007		**1702**	**2276**	**366**	**4344**	**4344**		**1175**	**163**	**2405**	**1175**	**3743**	**-3169**	**-601**

[1] These physical energy flows were measured on the cross-frontier transmission lines (≥110 kV). These values may differ from the official statistics and the total physical balance in the table "Monthly values: Operation".

Bosnia-Herzegovina

Monthly values / Operation

				I-XII
Thermal nuclear net production	GWh	Σ	1997	n.a.
			2006	0
			2007	0
Thermal conventional net production	GWh	Σ	1997	n.a.
			2006	7452
			2007	7782
Hydraulic net production	GWh	Σ	1997	n.a.
			2006	5857
			2007	4001
Other renewable net production [1]	GWh	Σ	2006	0
			2007	0
- of which wind	GWh	Σ	2006	0
			2007	0
Not clearly identifiable net production [1]	GWh	Σ	2006	0
			2007	0
Total net electrical energy production, calculated to represent 100% of the national values	GWh	Σ	1997	n.a.
			2006	13309
			2007	11783
Physical import	GWh	Σ	1997	n.a.
			2006	3015
			2007	3743
Physical export	GWh	Σ	1997	n.a.
			2006	5123
			2007	4344
Total physical import/export balance [2]	GWh	Σ	1997	n.a.
			2006	-2200
			2007	-612
Consumption of pumps	GWh	Σ	1997	n.a.
			2006	0
			2007	0
National electrical consumption, calculated to represent 100% of the national values	GWh	Σ	1997	n.a.
			2006	11109
			2007	11171
Consumption load 3:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1997	n.a.
			2006	1162
			2007	1173
Consumption load 11:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1997	n.a.
			2006	1644
			2007	1776
Highest load on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1997	n.a.
			2006	1826
			2007	1974
Time of highest load on the 3rd Wednesday		CET	1997	n.a.
			2006	18:00
			2007	18:00
Power produced in parallel operation on the 3rd Wednesday at 11:00 a.m.	MW	max.	1997	n.a.
			2006	2161

[1] Before 2005, the information on renewable and not identifiable energy sources was collected in a different manner. Some countries added them to thermal conventional, some considered them as the part of not represented in the figures (through the factor "representativity").

I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
666	669	585	373	421	530	694	739	613	653	736	773
704	658	708	363	506	537	620	723	749	768	719	727
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
799	502	670	827	638	366	367	297	358	385	348	300
283	290	383	469	280	259	273	237	226	290	495	516
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
1465	1171	1255	1200	1059	896	1061	1036	971	1038	1084	1073
987	948	1091	832	786	796	893	960	975	1058	1214	1243
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
168	203	144	151	259	329	255	261	246	310	305	384
402	271	215	273	336	324	334	329	290	331	295	343
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
511	399	398	495	457	380	455	429	369	433	418	379
362	328	353	255	252	277	339	414	401	404	493	466
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
-347	-195	-269	-353	-207	-59	-208	-175	-131	-131	-121	-4
37	-58	-139	19	83	46	-4	-86	-110	-73	-198	-129
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
1118	976	986	847	852	837	853	861	840	907	963	1069
1024	890	952	851	869	842	889	874	865	985	1016	1114
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
1125	**1162**	1158	932	883	886	897	868	924	982	1057	1104
1065	982	1033	895	928	955	932	902	892	1025	1084	**1173**
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
1630	1571	1607	1446	1260	1379	1322	1333	1367	1462	1478	**1644**
1567	1431	1497	1325	1299	1357	1383	1325	1326	1472	1593	**1776**
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
1791	1730	1733	1542	1432	1455	1444	1428	1547	1679	1759	**1826**
1736	1618	1649	1493	1458	1464	1491	1429	1557	1706	1781	**1974**
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
18:00	19:00	20:00	21:00	22:00	22:00	22:00	21:00	20:00	20:00	18:00	**18:00**
18:00	19:00	21:00	21:00	22:00	22:00	22:00	22:00	20:00	20:00	18:00	**18:00**
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
2113	1931	**2161**	2027	1582	1548	1518	1632	1741	1564	1637	2075

[2] Terminology 2.15, see also note Physical energy exchange in interconnected operation

Belgium

Monthly values / Operation

				I-XII
Thermal nuclear net production	GWh	Σ	1997	45097
			2006	44315
			2007	45854
Thermal conventional net production	GWh	Σ	1997	28704
			2006	32567
			2007	33700
Hydraulic net production	GWh	Σ	1997	1278
			2006	1613
			2007	1674
Other renewable net production [1]	GWh	Σ	2006	3400
			2007	3623
- of which wind	GWh	Σ	2006	359
			2007	491
Not clearly identifiable net production [1]	GWh	Σ	2006	0
			2007	0
Total net electrical energy production, calculated to represent 100% of the national values	GWh	Σ	1997 [3]	75079
			2006 [3]	81895
			2007 [3]	84851
Physical import	GWh	Σ	1997	9857
			2006	18729
			2007	15698
Physical export	GWh	Σ	1997	6703
			2006	8697
			2007	9038
Total physical import/export balance [2]	GWh	Σ	1997	3270
			2006	10157
			2007	6780
Consumption of pumps	GWh	Σ	1997	1281
			2006	1690
			2007	1716
National electrical consumption, calculated to represent 100% of the national values	GWh	Σ	1997	77068
			2006	90362
			2007	89915
Consumption load 3:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1997	10077
			2006	10350
			2007	10837
Consumption load 11:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1997	11939
			2006	12770
			2007	12984
Highest load on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1997	12370
			2006	13385
			2007	13789
Time of highest load on the 3rd Wednesday		CET	1997	18:00
			2006	18:00
			2007	19:00
Power produced in parallel operation on the 3rd Wednesday at 11:00 a.m.	MW	max.	1997	11526
			2006	11426

[1] Before 2005, the information on renewable and not identifiable energy sources was collected in a different manner. Some countries added them to thermal conventional, some considered them as the part of not represented in the figures (through the factor "representativity").

I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
4236	3861	4226	3617	4045	2788	2757	3441	3599	4110	4138	4279
4147	3646	3608	3751	3906	3667	3338	3534	3431	3933	3378	3976
4123	3909	3838	3742	3855	3973	3532	3993	3548	3847	3781	3713
2926	2264	2101	2442	1765	2636	2370	2051	2278	2460	2587	2824
3164	3202	3192	2156	2004	2383	2722	2366	2619	2715	3040	3004
3105	2978	3166	3049	2608	2555	2496	2369	2466	2805	3054	3049
102	112	124	90	122	98	106	102	85	101	99	137
138	129	151	150	160	130	116	122	119	131	117	150
152	150	158	128	124	134	139	142	129	125	132	161
305	254	292	271	279	250	258	285	275	313	307	311
335	269	308	289	298	217	271	277	291	320	371	377
26	29	36	25	33	12	14	23	20	37	47	57
72	41	47	21	42	26	40	27	32	23	54	66
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
7264	6237	6451	6149	5932	5522	5233	5594	5962	6671	6824	7240
7754	7231	7243	6328	6349	6430	6434	6307	6444	7092	6842	7441
7715	7306	7470	7208	6885	6879	6438	6781	6434	7097	7338	7300
870	768	843	828	853	908	869	1016	838	773	679	612
1406	1375	1767	1652	1660	1659	1635	1654	1745	1368	1463	1345
1265	945	1205	798	1293	1542	1330	1480	1353	1336	1584	1567
499	505	564	565	637	436	363	696	646	611	611	570
531	720	620	562	620	955	1032	975	937	713	454	578
542	667	613	818	896	1266	779	1107	531	513	810	496
382	272	290	273	225	480	515	328	200	171	79	55
887	667	1158	1101	1049	711	613	689	818	664	1021	779
736	288	602	-11	408	284	562	382	830	833	786	1080
110	97	107	91	111	96	103	122	103	121	105	115
143	130	140	139	164	140	141	137	141	153	122	140
141	138	144	135	138	145	144	149	143	149	135	155
7536	6412	6634	6331	6046	5906	5645	5800	6059	6721	6798	7180
8498	7768	8261	7290	7234	7001	6906	6859	7121	7603	7741	8080
8310	7456	7928	7062	7155	7018	6856	7014	7121	7781	7989	8225
9562	8896	8211	8133	7200	7116	6607	7136	7227	7884	8519	**10077**
10315	**10350**	10134	9075	8553	8199	8099	7522	8335	8756	9094	10212
9758	9574	9776	8360	8437	8484	8074	7899	8495	8668	9849	**10837**
11120	10608	10735	10459	9937	9644	8902	9668	9515	10701	10887	**11939**
12621	**12770**	11970	11605	11463	11405	10638	10913	11386	11981	11737	12704
12394	12213	11979	11308	11384	11605	10466	8908	11571	12017	12712	**12984**
11536	11088	10952	10698	10218	9968	9188	9993	9747	10878	11536	**12370**
13231	12955	12286	11672	11729	11683	10908	11230	11713	12185	12654	**13385**
13103	12532	12529	11499	11588	11890	10771	9312	11721	12112	13060	**13789**
19:00	19:00	12:00	12:00	12:00	12:00	12:00	12:00	14:00	12:00	18:00	**18:00**
19:00	19:00	20:00	12:00	12:00	12:00	12:00	12:00	12:00	20:00	19:00	**18:00**
19:00	12:00	20:00	12:00	12:00	12:00	12:00	23:00	12:00	12:00	19:00	**19:00**
10502	10042	10512	9783	9532	8699	8329	9619	9138	10170	10833	**11526**
10840	**11426**	10063	9845	9556	10191	9489	9621	9804	10953	9987	11213

[2] Terminology 2.15, see also note Physical energy exchange in interconnected operation

[3] including deliveries from industry

Physical exchanges in interconnected operation [1]

MM_YY	BE→FR	BE→LU	BE→NL	UCTE_EXP	Total_EXP	FR→BE	LU→BE	NL→BE	UCTE_IMP	Total_IMP	BE_UCTE	BE_Total
	Export (-)					Import (+)					Balance	
I.97	202	126	171	499	499	368	0	502	870	870	371	371
II.97	115	119	271	505	505	448	0	320	768	768	263	263
III.97	91	135	338	564	564	479	0	364	843	843	279	279
IV.97	53	128	384	565	565	544	0	284	828	828	263	263
V.97	31	127	479	637	637	618	0	235	853	853	216	216
VI.97	13	129	294	436	436	604	0	304	908	908	472	472
VII.97	11	126	226	363	363	498	0	371	869	869	506	506
VIII.97	12	116	568	696	696	844	0	172	1016	1016	320	320
IX.97	28	148	470	646	646	640	0	198	838	838	192	192
X.97	39	175	397	611	611	569	0	204	773	773	162	162
XI.97	64	174	373	611	611	429	0	250	679	679	68	68
XII.97	146	170	254	570	570	280	0	332	612	612	42	42
1997	**805**	**1673**	**4225**	**6703**	**6703**	**6321**	**0**	**3536**	**9857**	**9857**	**3154**	**3154**
I.06	320	147	64	531	531	296	222	888	1406	1406	875	875
II.06	564	127	29	720	720	127	130	1118	1375	1375	655	655
III.06	446	147	27	620	620	265	227	1275	1767	1767	1147	1147
IV.06	11	139	412	562	562	1032	201	419	1652	1652	1090	1090
V.06	15	162	443	620	620	1114	223	323	1660	1660	1040	1040
VI.06	23	161	771	955	955	1230	239	190	1659	1659	704	704
VII.06	52	179	801	1032	1032	1272	226	137	1635	1635	603	603
VIII.06	30	85	860	975	975	1456	192	6	1654	1654	679	679
IX.06	15	132	790	937	937	1468	202	75	1745	1745	808	808
X.06	46	146	521	713	713	1062	186	120	1368	1368	655	655
XI.06	89	143	222	454	454	952	208	303	1463	1463	1009	1009
XII.06	370	129	79	578	578	370	226	749	1345	1345	767	767
2006	**1981**	**1697**	**5019**	**8697**	**8697**	**10644**	**2482**	**5603**	**18729**	**18729**	**10032**	**10032**
I.07	321	150	71	542	542	311	216	738	1265	1265	723	723
II.07	192	129	346	667	667	490	185	270	945	945	278	278
III.07	278	155	180	613	613	466	206	533	1205	1205	592	592
IV.07	265	141	412	818	818	385	96	317	798	798	-20	-20
V.07	53	126	717	896	896	1057	168	68	1293	1293	397	397
VI.07	39	140	1087	1266	1266	1318	179	45	1542	1542	276	276
VII.07	42	140	597	779	779	949	162	219	1330	1330	551	551
VIII.07	2	112	993	1107	1107	1278	133	69	1480	1480	373	373
IX.07	19	117	395	531	531	917	139	297	1353	1353	822	822
X.07	140	150	223	513	513	613	190	533	1336	1336	823	823
XI.07	613	143	54	810	810	241	191	1152	1584	1584	774	774
XII.07	357	127	12	496	496	321	219	1027	1567	1567	1071	1071
2007	**2321**	**1630**	**5087**	**9038**	**9038**	**8346**	**2084**	**5268**	**15698**	**15698**	**6660**	**6660**

[1] These physical energy flows were measured on the cross-frontier transmission lines (≥110 kV). These values may differ from the official statistics and the total physical balance in the table "Monthly values: Operation".

Physical exchanges in interconnected operation [1]

Bulgaria | GWh

MM_YY	BG→CS	BG→GR	BG→MK	BG→RO	BG→RS	BG→TR	UCTE_EXP	Total_EXP	CS→BG	GR→BG	MK→BG	RO→BG	RS→BG	TR→BG	UCTE_IMP	Total_IMP	BG_UCTE	BG_Total
	Export (-)								Import (+)								Balance	
I.97	129	34	n.a.	n.a.		n.a.	n.a.	n.a.	0	5	n.a.	n.a.		n.a.	n.a.	n.a.	n.a.	n.a.
II.97	61	18	n.a.	n.a.		n.a.	n.a.	n.a.	1	9	n.a.	n.a.		n.a.	n.a.	n.a.	n.a.	n.a.
III.97	28	99	n.a.	n.a.		n.a.	n.a.	n.a.	10	1	n.a.	n.a.		n.a.	n.a.	n.a.	n.a.	n.a.
IV.97	36	128	n.a.	n.a.		n.a.	n.a.	n.a.	10	1	n.a.	n.a.		n.a.	n.a.	n.a.	n.a.	n.a.
V.97	19	159	n.a.	n.a.		n.a.	n.a.	n.a.	21	1	n.a.	n.a.		n.a.	n.a.	n.a.	n.a.	n.a.
VI.97	7	153	n.a.	n.a.		n.a.	n.a.	n.a.	33	2	n.a.	n.a.		n.a.	n.a.	n.a.	n.a.	n.a.
VII.97	7	189	n.a.	n.a.		n.a.	n.a.	n.a.	21	0	n.a.	n.a.		n.a.	n.a.	n.a.	n.a.	n.a.
VIII.97	10	184	n.a.	n.a.		n.a.	n.a.	n.a.	21	0	n.a.	n.a.		n.a.	n.a.	n.a.	n.a.	n.a.
IX.97	29	156	n.a.	n.a.		n.a.	n.a.	n.a.	9	1	n.a.	n.a.		n.a.	n.a.	n.a.	n.a.	n.a.
X.97	86	123	n.a.	n.a.		n.a.	n.a.	n.a.	3	1	n.a.	n.a.		n.a.	n.a.	n.a.	n.a.	n.a.
XI.97	112	99	n.a.	n.a.		n.a.	n.a.	n.a.	0	4	n.a.	n.a.		n.a.	n.a.	n.a.	n.a.	n.a.
XII.97	136	110	n.a.	n.a.		n.a.	n.a.	n.a.	0	1	n.a.	n.a.		n.a.	n.a.	n.a.	n.a.	n.a.
1997	**660**	**1452**	**n.a.**	**n.a.**		**n.a.**	**n.a.**	**n.a.**	**129**	**26**	**n.a.**	**n.a.**		**n.a.**	**n.a.**	**n.a.**	**n.a.**	**n.a.**
I.06	338	427	78	32		0	875	875	0	0	0	74		0	74	74	-801	-801
II.06	332	422	73	40		0	867	867	0	0	0	55		0	55	55	-812	-812
III.06	302	423	68	70		0	863	863	0	0	0	65		0	65	65	-798	-798
IV.06	231	370	65	66		0	732	732	0	0	0	13		0	13	13	-719	-719
V.06	225	202	46	55		0	528	528	0	0	0	41		0	41	41	-487	-487
VI.06	183	403	92	82		0	760	760	0	0	0	70		0	70	70	-690	-690
VII.06	158	392	69	84		0	703	703	0	0	0	85		0	85	85	-618	-618
VIII.06	280	406	78	102		0	866	866	0	0	0	141		0	141	141	-725	-725
IX.06	100	344	72	151		0	667	667	0	0	0	74		0	74	74	-593	-593
X.06	152	318	71	26		0	567	567	0	0	0	85		0	85	85	-482	-482
XI.06	223	350	72	2		0	647	647	0	0	0	248		0	248	248	-399	-399
XII.06	313	411	76	0		0	800	800	0	0	0	187		0	187	187	-613	-613
2006	**2837**	**4468**	**860**	**710**		**0**	**8875**	**8875**	**0**	**0**	**0**	**1138**		**0**	**1138**	**1138**	**-7737**	**-7737**
I.07		243	50	0	177	0	470	470		0	0	338	0	0	338	338	-132	-132
II.07		290	57	1	139	0	487	487		0	0	374	0	0	374	374	-113	-113
III.07		415	78	0	130	0	623	623		0	0	426	0	0	426	426	-197	-197
IV.07		331	70	4	108	0	513	513		0	0	116	0	0	116	116	-397	-397
V.07		209	47	11	140	0	407	407		0	0	88	0	0	88	88	-319	-319
VI.07		479	78	71	147	0	775	775		0	0	179	0	0	179	179	-596	-596
VII.07		422	68	123	127	0	740	740		0	0	285	0	0	285	285	-455	-455
VIII.07		403	70	85	161	0	719	719		0	0	218	0	0	218	218	-501	-501
IX.07		409	74	51	197	0	731	731		0	0	218	0	0	218	218	-513	-513
X.07		358	66	63	205	0	692	692		0	0	233	0	0	233	233	-459	-459
XI.07		364	70	3	237	0	674	674		0	0	241	0	0	241	241	-433	-433
XII.07		374	81	0	234	0	689	689		0	0	341	0	0	341	341	-348	-348
2007		**4297**	**809**	**412**	**2002**	**0**	**7520**	**7520**		**0**	**0**	**3057**	**0**	**0**	**3057**	**3057**	**-4463**	**-4463**

[1] These physical energy flows were measured on the cross-frontier transmission lines (≥110 kV). These values may differ from the official statistics and the total physical balance in the table "Monthly values: Operation".

Bulgaria

Monthly values / Operation

				I-XII
Thermal nuclear net production	GWh	Σ	1997	n.a.
			2006	18957
			2007	13613
Thermal conventional net production	GWh	Σ	1997	n.a.
			2006	20480
			2007	22122
Hydraulic net production	GWh	Σ	1997	n.a.
			2006	4497
			2007	2446
Other renewable net production [1]	GWh	Σ	2005	0
			2006	0
- of which wind	GWh	Σ	2005	0
			2006	0
Not clearly identifiable net production [1]	GWh	Σ	2005	0
			2006	0
Total net electrical energy production, calculated to represent 100% of the national values	GWh	Σ	1997	n.a.
			2006 [3]	43934
			2007	38181
Physical import	GWh	Σ	1997	n.a.
			2006	1138
			2007	3057
Physical export	GWh	Σ	1997	n.a.
			2006	8875
			2007	7520
Total physical import/export balance [2]	GWh	Σ	1997	n.a.
			2006	-7806
			2007	-4533
Consumption of pumps	GWh	Σ	1997	n.a.
			2006	456
			2007	522
National electrical consumption, calculated to represent 100% of the national values	GWh	Σ	1997	n.a.
			2006 [3]	35672
			2007	33126
Consumption load 3:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1997	n.a.
			2006 [3]	5004
			2007 [3]	5016
Consumption load 11:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1997	n.a.
			2006 [3]	6041
			2007 [3]	6356
Highest load on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1997	n.a.
			2006 [3]	6340
			2007 [3]	6839
Time of highest load on the 3rd Wednesday		CET	1997	n.a.
			2006 [3]	20:00
			2007 [3]	19:00
Power produced in parallel operation on the 3rd Wednesday at 11:00 a.m.	MW	max.	1997	n.a.
			2006	6521

[1] Before 2005, the information on renewable and not identifiable energy sources was collected in a different manner. Some countries added them to thermal conventional, some considered them as the part of not represented in the figures (through the factor "representativity").

I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
2178	1967	1937	1677	1389	1266	1207	1272	1343	1313	1411	1997
1405	1271	1409	1369	1319	977	687	1013	671	727	1336	1429
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
2086	2046	1838	1208	1392	1589	1569	1727	1793	1654	1781	1797
1831	1724	1681	1427	1072	1667	2168	1878	2118	2325	2038	2193
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
584	350	515	606	430	486	305	252	212	218	300	239
169	144	227	221	437	419	0	0	0	229	231	369
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
4848	4363	4290	3491	3211	3341	3081	3251	3348	3185	3492	4033
3405	3139	3317	3017	2828	3063	2855	2891	2789	3281	3605	3991
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
74	55	65	13	41	70	85	141	74	85	248	187
338	374	426	116	88	179	285	218	218	233	241	341
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	0	n.a.	n.a.	n.a.
875	867	863	732	528	760	703	866	667	567	647	800
470	487	623	513	407	775	740	719	731	692	674	689
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
-808	-820	-806	-725	-490	-693	-623	-730	-601	-487	-404	-619
-134	-118	-203	-401	-327	-605	-461	-508	-518	-464	-438	-356
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
41	13	37	31	35	18	34	36	39	56	53	63
67	50	62	54	37	20	34	44	38	49	67	0
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
3999	3530	3447	2735	2686	2630	2424	2485	2708	2642	3035	3351
3204	2971	3052	2562	2464	2438	2360	2339	2233	2768	3100	3635
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
4772	**5004**	4428	3310	3009	3166	3172	3295	3224	3561	4103	4351
4194	4207	3821	3442	3111	3335	3468	3342	3242	3711	4360	**5016**
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
5861	**6041**	5456	4043	3662	4004	3943	4062	4105	4622	4757	5650
5221	4917	4693	4246	3790	4244	4324	4064	4037	4632	5497	**6356**
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
6212	**6340**	5829	4479	4136	4264	4328	4386	4472	5470	5519	6029
5732	5699	5442	4796	4271	4495	4626	4516	4757	5325	6179	**6839**
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
19:00	**20:00**	20:00	21:00	22:00	23:00	23:00	22:00	20:00	20:00	19:00	20:00
19:00	20:00	20:00	21:00	22:00	23:00	23:00	22:00	20:00	20:00	20:00	**19:00**
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
5773	6041	5481	4896	4106	4387	4876	5062	4824	5388	5221	**6521**

[2] Terminology 2.15, see also note Physical energy exchange in interconnected operation [3] Gross values

Switzerland

Monthly values / Operation

				I-XII
Thermal nuclear net production	GWh	Σ	1997	23971
			2006	26244
			2007	26344
Thermal conventional net production	GWh	Σ	1997	1835
			2006	2282
			2007	2146
Hydraulic net production	GWh	Σ	1997	34794
			2006	32558
			2007	36373
Other renewable net production [1]	GWh	Σ	2006	1059
			2007	1053
- of which wind	GWh	Σ	2006	6
			2007	12
Not clearly identifiable net production [1]	GWh	Σ	2006	0
			2007	0
Total net electrical energy production, calculated to represent 100% of the national values	GWh	Σ	1997 [3]	60600
			2006 [3]	62143
			2007 [3]	65916
Physical import	GWh	Σ	1997	19606
			2006	32742
			2007	33756
Physical export	GWh	Σ	1997	25923
			2006	29040
			2007	34649
Total physical import/export balance [2]	GWh	Σ	1997	-6754
			2006	3800
			2007	-752
Consumption of pumps	GWh	Σ	1997	1519
			2006	2720
			2007	2104
National electrical consumption, calculated to represent 100% of the national values	GWh	Σ	1997 [4]	52327
			2006 [4]	63223
			2007 [4]	63060
Consumption load 3:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1997	6940
			2006	7717
			2007	7967
Consumption load 11:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1997	8478
			2006	10049
			2007	9756
Highest load on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1997	8578
			2006	10218
			2007	9953
Time of highest load on the 3rd Wednesday		CET	1997	08:00
			2006	10:00
			2007	18:00
Power produced in parallel operation on the 3rd Wednesday at 11:00 a.m.	MW	max.	1997	10904
			2006	12015

[1] Before 2005, the information on renewable and not identifiable energy sources was collected in a different manner. Some countries added them to thermal conventional, some considered them as the part of not represented in the figures (through the factor "representativity").

I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
2287	2063	2267	2183	2174	1521	1835	1196	1976	1994	2194	2281
2424	2186	2417	2331	2376	1559	2073	1510	2234	2388	2327	2419
2413	2174	2302	2313	2365	1799	2271	1378	2179	2398	2334	2418
191	194	185	131	116	114	120	112	136	159	196	181
212	215	210	178	180	172	182	186	180	177	199	191
199	187	195	184	166	163	176	157	168	176	192	183
2826	2115	2253	2271	2890	3771	4034	3786	3356	2813	2334	2345
1974	1971	2152	2202	3257	3487	3923	3095	3121	2673	2380	2323
2293	2190	2391	2320	3160	4370	4532	4280	3153	2911	2410	2363
98	100	97	83	84	80	84	87	83	82	92	89
98	91	96	90	82	80	86	77	82	87	94	90
1	1	1	0	0	0	0	0	0	1	1	1
1	1	1	1	1	1	1	1	1	1	1	1
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
5304	4372	4705	4585	5180	5406	5989	5094	5468	4966	4724	4807
4708	4472	4876	4794	5897	5298	6262	4878	5618	5320	4998	5022
5003	4642	4984	4907	5773	6412	7065	5892	5582	5572	5030	5054
1882	1958	1993	1716	1391	1109	816	1044	1154	2015	2192	2336
3326	2966	3090	2725	1875	2303	1763	2220	2262	3019	3343	3850
4006	3450	3849	3115	2203	1633	1410	1782	2373	2882	3261	3792
1919	1696	2059	1971	2314	2322	2648	2062	2361	2386	2040	2145
1617	1708	1870	2372	2547	2475	2937	2096	2748	3019	2734	2917
3005	2674	3066	3026	2856	2966	3527	2710	2856	2935	2354	2674
-56	193	-135	-308	-1001	-1274	-1895	-1037	-1237	-379	117	258
1717	1266	1228	361	-666	-163	-1165	131	-477	9	618	941
1011	787	796	100	-639	-1326	-2108	-921	-473	-37	925	1133
23	32	49	42	195	278	284	242	191	72	50	61
204	152	136	168	301	343	379	317	227	184	148	161
158	112	108	190	214	262	227	208	191	135	139	160
5225	4533	4521	4235	3984	3854	3810	3815	4040	4515	4791	5004
6221	5586	5968	4987	4930	4792	4718	4692	4914	5145	5468	5802
5856	5317	5672	4817	4920	4824	4730	4763	4918	5400	5816	6027
6940	6204	4972	5654	4414	4357	4331	4568	4590	5445	6075	6650
7533	7555	**7717**	5960	5354	5660	5281	5041	5499	5902	6270	7657
6879	7005	7415	5498	5694	5666	5459	5193	5880	6044	7363	**7967**
8478	7922	7295	7464	7437	6805	6740	7307	7360	7919	8444	8305
10049	9825	9530	8449	8351	8572	7902	8156	8556	8438	8915	9223
9161	9066	9239	8367	8113	8693	8209	7851	8792	8563	9477	**9756**
8493	7922	7295	7625	7437	6896	6787	7307	7360	7919	8444	**8578**
10049	**10218**	9530	8449	8351	8572	7902	8156	8556	8438	8968	9439
9181	9131	9239	8367	8113	8693	8209	7851	8792	8606	9497	**9953**
10:00	11:00	11:00	10:00	11:00	10:00	10:00	11:00	11:00	11:00	11:00	**08:00**
11:00	**10:00**	11:00	11:00	11:00	11:00	11:00	11:00	11:00	11:00	18:00	17:00
10:00	10:00	11:00	11:00	11:00	11:00	11:00	11:00	11:00	08:00	17:00	**18:00**
10904	9082	9137	9073	10509	9916	10639	9075	9916	10431	9331	9607
10053	9829	10124	8456	11184	10458	**12015**	8711	11226	10513	9066	9847

[2] Terminology 2.15, see also note Physical energy exchange in interconnected operation

[3] including deliveries from industry

[4] Calculations based on the UCTE database differ from the official values of the Swiss Federal Office of Energy

Physical exchanges in interconnected operation [1]

Switzerland | GWh

MM_YY	CH→AT	CH→DE	CH→FR	CH→IT	UCTE_EXP	Total_EXP	AT→CH	DE→CH	FR→CH	IT→CH	UCTE_IMP	Total_IMP	CH_UCTE	CH_Total
	Export (-)						Import (+)						Balance	
I.97	40	367	45	1467	1919	1919	121	783	978	0	1882	1882	-37	-37
II.97	32	255	3	1406	1696	1696	112	829	1017	0	1958	1958	262	262
III.97	31	313	1	1714	2059	2059	127	842	1023	1	1993	1993	-66	-66
IV.97	4	292	6	1669	1971	1971	218	652	846	0	1716	1716	-255	-255
V.97	23	334	38	1919	2314	2314	244	515	631	1	1391	1391	-923	-923
VI.97	29	496	25	1772	2322	2322	149	395	562	3	1109	1109	-1213	-1213
VII.97	113	658	72	1805	2648	2648	49	249	516	2	816	816	-1832	-1832
VIII.97	36	636	56	1334	2062	2062	151	353	537	3	1044	1044	-1018	-1018
IX.97	40	504	78	1739	2361	2361	162	516	476	0	1154	1154	-1207	-1207
X.97	24	395	66	1901	2386	2386	266	1001	748	0	2015	2015	-371	-371
XI.97	17	430	38	1555	2040	2040	241	1000	943	8	2192	2192	152	152
XII.97	28	417	33	1667	2145	2145	251	1000	1085	0	2336	2336	191	191
1997	**417**	**5097**	**461**	**19948**	**25923**	**25923**	**2091**	**8135**	**9362**	**18**	**19606**	**19606**	**-6317**	**-6317**
I.06	0	120	439	1058	1617	1617	754	1639	784	149	3326	3326	1709	1709
II.06	0	110	509	1089	1708	1708	687	1523	627	129	2966	2966	1258	1258
III.06	1	92	365	1412	1870	1870	696	1426	870	98	3090	3090	1220	1220
IV.06	1	202	5	2164	2372	2372	613	961	1151	0	2725	2725	353	353
V.06	11	438	36	2062	2547	2547	374	539	960	2	1875	1875	-672	-672
VI.06	0	234	62	2179	2475	2475	694	962	642	5	2303	2303	-172	-172
VII.06	28	520	271	2118	2937	2937	511	698	525	29	1763	1763	-1174	-1174
VIII.06	20	292	28	1756	2096	2096	489	698	1031	2	2220	2220	124	124
IX.06	12	406	100	2230	2748	2748	486	807	968	1	2262	2262	-486	-486
X.06	1	208	72	2738	3019	3019	615	1207	1192	5	3019	3019	0	0
XI.06	5	202	55	2472	2734	2734	610	1377	1355	1	3343	3343	609	609
XII.06	3	93	214	2607	2917	2917	775	1857	1217	1	3850	3850	933	933
2006	**82**	**2917**	**2156**	**23885**	**29040**	**29040**	**7304**	**13694**	**11322**	**422**	**32742**	**32742**	**3702**	**3702**
I.07	0	67	139	2799	3005	3005	906	1948	1152	0	4006	4006	1001	1001
II.07	0	95	53	2526	2674	2674	695	1598	1157	0	3450	3450	776	776
III.07	0	138	96	2832	3066	3066	860	1701	1287	1	3849	3849	783	783
IV.07	0	140	120	2766	3026	3026	880	1238	997	0	3115	3115	89	89
V.07	2	294	59	2501	2856	2856	632	801	770	0	2203	2203	-653	-653
VI.07	10	399	93	2464	2966	2966	360	562	703	8	1633	1633	-1333	-1333
VII.07	5	546	391	2585	3527	3527	401	507	501	1	1410	1410	-2117	-2117
VIII.07	13	480	290	1927	2710	2710	304	750	726	2	1782	1782	-928	-928
IX.07	0	240	359	2257	2856	2856	721	917	734	1	2373	2373	-483	-483
X.07	5	373	221	2336	2935	2935	683	1377	817	5	2882	2882	-53	-53
XI.07	0	245	385	1724	2354	2354	885	1677	671	28	3261	3261	907	907
XII.07	2	88	442	2142	2674	2674	895	1950	927	20	3792	3792	1118	1118
2007	**37**	**3105**	**2648**	**28859**	**34649**	**34649**	**8222**	**15026**	**10442**	**66**	**33756**	**33756**	**-893**	**-893**

[1] These physical energy flows were measured on the cross-frontier transmission lines (≥110 kV). These values may differ from the official statistics and the total physical balance in the table "Monthly values: Operation".

Physical exchanges in interconnected operation [1]

Serbia & Montenegro | GWh

MM_YY	CS→BA	CS→BG	CS→HR	CS→HU	CS→MK	CS→RO	CS→AL	UCTE_EXP	Total_EXP	BA→CS	BG→CS	HR→CS	HU→CS	MK→CS	RO→CS	AL→CS	UCTE_IMP	Total_IMP	CS_UCTE	CS_Total
	Export (-)									Import (+)									Balance	
I.97	n.a.	0	0	0	n.a.	6	18	n.a.	n.a.	n.a.	129	0	98	n.a.	49	131	n.a.	n.a.	n.a.	n.a.
II.97	n.a.	1	0	0	n.a.	9	1	n.a.	n.a.	n.a.	61	0	74	n.a.	33	127	n.a.	n.a.	n.a.	n.a.
III.97	n.a.	10	0	0	n.a.	32	7	n.a.	n.a.	n.a.	28	0	0	n.a.	13	72	n.a.	n.a.	n.a.	n.a.
IV.97	n.a.	10	0	0	n.a.	45	8	n.a.	n.a.	n.a.	36	0	0	n.a.	17	52	n.a.	n.a.	n.a.	n.a.
V.97	n.a.	21	0	0	n.a.	66	7	n.a.	n.a.	n.a.	19	0	0	n.a.	9	57	n.a.	n.a.	n.a.	n.a.
VI.97	n.a.	33	0	0	n.a.	69	18	n.a.	n.a.	n.a.	7	0	0	n.a.	7	55	n.a.	n.a.	n.a.	n.a.
VII.97	n.a.	21	16	0	n.a.	125	14	n.a.	n.a.	n.a.	7	0	0	n.a.	1	31	n.a.	n.a.	n.a.	n.a.
VIII.97	n.a.	21	12	0	n.a.	137	6	n.a.	n.a.	n.a.	10	0	52	n.a.	0	39	n.a.	n.a.	n.a.	n.a.
IX.97	n.a.	9	3	0	n.a.	89	13	n.a.	n.a.	n.a.	29	0	0	n.a.	1	31	n.a.	n.a.	n.a.	n.a.
X.97	n.a.	3	1	0	n.a.	69	28	n.a.	n.a.	n.a.	86	0	3	n.a.	27	26	n.a.	n.a.	n.a.	n.a.
XI.97	n.a.	0	0	0	n.a.	0	9	n.a.	n.a.	n.a.	112	0	86	n.a.	132	54	n.a.	n.a.	n.a.	n.a.
XII.97	n.a.	0	0	0	n.a.	3	7	n.a.	n.a.	n.a.	136	0	143	n.a.	109	73	n.a.	n.a.	n.a.	n.a.
1997	**n.a.**	**129**	**32**	**0**	**n.a.**	**650**	**136**	**n.a.**	**n.a.**	**n.a.**	**660**	**0**	**456**	**n.a.**	**398**	**748**	**n.a.**	**n.a.**	**n.a.**	**n.a.**
I.06	106	0	350	0	203	0	48	659	707	159	338	0	141	0	382	58	1020	1078	361	371
II.06	127	0	365	1	208	0	11	701	712	101	332	0	114	0	381	43	928	971	227	259
III.06	80	0	384	2	210	0	2	676	678	7	302	7	79	0	315	97	710	807	34	129
IV.06	87	0	319	12	171	0	3	589	592	100	231	9	35	0	233	100	608	708	19	116
V.06	208	0	206	10	198	0	5	622	627	105	225	8	68	0	179	94	585	679	-37	52
VI.06	264	0	220	11	151	0	7	646	653	60	183	7	86	0	181	58	517	575	-129	-78
VII.06	230	0	182	13	178	1	38	604	642	94	158	0	69	0	197	10	518	528	-86	-114
VIII.06	220	0	198	0	166	2	30	586	616	170	280	0	133	0	162	29	745	774	159	158
IX.06	200	0	167	4	175	0	27	546	573	163	100	0	127	0	251	28	641	669	95	96
X.06	252	0	214	0	85	0	21	551	572	191	152	0	139	0	255	32	737	769	186	197
XI.06	252	0	192	0	191	0	19	635	654	184	223	0	213	0	311	43	931	974	296	320
XII.06	315	0	208	0	190	0	50	713	763	142	313	0	316	0	415	21	1186	1207	473	444
2006	**2341**	**0**	**3005**	**53**	**2126**	**3**	**261**	**7528**	**7789**	**1476**	**2837**	**31**	**1520**	**0**	**3262**	**613**	**9126**	**9739**	**1598**	**1950**

[1] These physical energy flows were measured on the cross-frontier transmission lines (≥110 kV). These values may differ from the official statistics and the total physical balance in the table "Monthly values: Operation".

Serbia & Montenegro

Monthly values / Operation

				I-XII
Thermal nuclear net production	GWh	Σ	1997 2006 2007 [4]	n.a. 0
Thermal conventional net production	GWh	Σ	1997 2006 2007 [4]	n.a. 28755
Hydraulic net production	GWh	Σ	1997 2006 2007 [4]	n.a. 12494
Other renewable net production [1]	GWh	Σ	2006 2007 [4]	0
- of which wind	GWh	Σ	2006 2007 [4]	0
Not clearly identifiable net production [1]	GWh	Σ	2006 2007 [4]	0
Total net electrical energy production, calculated to represent 100% of the national values	GWh	Σ	1997 2006 [3] 2007 [4]	n.a. 41249
Physical import	GWh	Σ	1997 2006 2007 [4]	n.a. 9739
Physical export	GWh	Σ	1997 2006 2007 [4]	n.a. 7789
Total physical import/export balance [2]	GWh	Σ	1997 2006 2007 [4]	n.a. 1844
Consumption of pumps	GWh	Σ	1997 2006 2007 [4]	n.a. 831
National electrical consumption, calculated to represent 100% of the national values	GWh	Σ	1997 2006 2007 [4]	n.a. 42262
Consumption load 3:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1997 2006 2007 [4]	n.a. 5534
Consumption load 11:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1997 2006 2007 [4]	n.a. 6721
Highest load on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1997 2006 2007 [4]	n.a. 7047
Time of highest load on the 3rd Wednesday		CET	1997 2006 2007 [4]	n.a. 19:00
Power produced in parallel operation on the 3rd Wednesday at 11:00 a.m.	MW	max.	1997 2006	n.a. 6442

[1] Before 2005, the information on renewable and not identifiable energy sources was collected in a different manner. Some countries added them to thermal conventional, some considered them as the part of not represented in the figures (through the factor "representativity").

Serbia & Montenegro

I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
0	0	0	0	0	0	0	0	0	0	0	0
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
2826	2660	2609	2044	1781	1861	2088	2083	2189	2562	2934	3118
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
1458	1216	1533	1228	1369	1217	974	748	693	605	637	816
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
4284	3876	4142	3272	3150	3078	3062	2831	2882	3167	3571	3934
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
1078	971	807	708	679	575	528	774	669	769	974	1207
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
707	712	678	592	627	653	642	616	573	572	654	763
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
371	150	128	116	51	-78	-112	159	99	196	320	444
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
61	34	86	135	160	53	29	51	48	74	54	46
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
4594	3992	4184	3253	3041	2947	2921	2939	2933	3289	3837	4332
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
5534	5492	5291	3426	3024	3062	3066	2987	3068	3883	4456	5162
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
6721	6426	6700	5203	4405	4594	4263	4365	4622	5326	5633	6457
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
7007	7013	**7047**	5744	4948	5028	4908	4777	5340	6211	6354	6936
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
20:00	20:00	**19:00**	21:00	22:00	22:00	22:00	21:00	20:00	20:00	20:00	18:00
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
6212	5909	**6442**	4909	4327	4789	4498	4084	4475	4972	4994	5867

[2] Terminology 2.15, see also note Physical energy exchange in interconnected operation

[3] including deliveries from industry

[4] Values 2007 as separate values of Montenegro and Serbia

Czech Republic

Monthly values / Operation

				I-XII
Thermal nuclear net production	GWh	Σ	1997	n.a.
			2006	24499
			2007	24623
Thermal conventional net production	GWh	Σ	1997	n.a.
			2006	49972
			2007	53983
Hydraulic net production	GWh	Σ	1997	n.a.
			2006	3244
			2007	2513
Other renewable net production [1]	GWh	Σ	2006	175
			2007	288
- of which wind	GWh	Σ	2006	49
			2007	119
Not clearly identifiable net production [1]	GWh	Σ	2006	0
			2007	0
Total net electrical energy production, calculated to represent 100% of the national values	GWh	Σ	1997	n.a.
			2006 [3]	77890
			2007 [3]	81407
Physical import	GWh	Σ	1997	n.a.
			2006	11463
			2007	10209
Physical export	GWh	Σ	1997	n.a.
			2006	24092
			2007	26354
Total physical import/export balance [2]	GWh	Σ	1997	n.a.
			2006	-12632
			2007	-16152
Consumption of pumps	GWh	Σ	1997	n.a.
			2006	950
			2007	592
National electrical consumption, calculated to represent 100% of the national values	GWh	Σ	1997	n.a.
			2006	64308
			2007	64663
Consumption load 3:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1997	n.a.
			2006	8353
			2007	8072
Consumption load 11:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1997	n.a.
			2006	9722
			2007	9791
Highest load on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1997	n.a.
			2006	10095
			2007	10031
Time of highest load on the 3rd Wednesday		CET	1997	n.a.
			2006	17:00
			2007	15:00
Power produced in parallel operation on the 3rd Wednesday at 11:00 a.m.	MW	max.	1997	n.a.
			2006	11597

[1] Before 2005, the information on renewable and not identifiable energy sources was collected in a different manner. Some countries added them to thermal conventional, some considered them as the part of not represented in the figures (through the factor "representativity").

I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
1985	2301	2383	2313	2355	1882	1780	2025	1732	1578	1887	2278
2421	1487	1773	1905	1995	1858	2334	2011	1736	2343	2383	2377
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
5262	4242	4568	3252	3269	3725	3836	3620	4011	4693	4813	4681
5063	4994	5187	4561	4298	3775	3602	4186	4161	4541	4801	4814
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
242	184	270	495	341	264	297	300	195	204	230	222
245	268	291	239	183	135	113	117	173	166	254	329
13	11	14	13	14	12	11	14	17	17	20	19
29	21	25	19	22	19	22	18	26	24	34	29
3	2	3	2	3	2	2	4	6	6	9	7
12	7	11	8	8	6	8	5	12	8	19	15
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
7502	6738	7235	6073	5979	5883	5924	5959	5955	6492	6950	7200
7758	6770	7276	6724	6498	5787	6071	6332	6096	7074	7472	7549
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
1392	1209	1131	897	863	633	602	580	712	992	1179	1273
1132	1045	971	722	726	590	776	620	790	945	902	990
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	0	n.a.	n.a.	n.a.
2153	1987	2097	1792	1910	1757	1900	1767	1861	2068	2246	2554
2742	2195	2305	2316	2138	1554	2168	2139	1924	2352	2211	2310
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
-764	-776	-966	-894	-1050	-1125	-1299	-1187	-1149	-1075	-1067	-1280
-1610	-1152	-1334	-1594	-1413	-964	-1392	-1520	-1134	-1408	-1310	-1321
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
97	80	79	56	57	34	84	84	82	91	108	98
93	84	58	59	76	46	8	24	29	30	39	46
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
6641	5882	6190	5123	4872	4724	4541	4688	4724	5326	5775	5822
6055	5534	5884	5071	5009	4777	4671	4788	4933	5636	6123	6182
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
8353	8066	8009	6464	5898	5926	5687	5639	5848	6630	6906	7389
7547	7277	7237	6315	6134	6076	6044	5916	6204	6583	7719	**8072**
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
9722	9542	9383	7807	7685	7652	7484	7313	7636	8159	8434	9133
9224	8961	8882	8152	7934	7849	7835	7813	7929	8227	9551	**9791**
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
10095	9690	9448	7927	7802	7732	7670	7412	7908	8587	9139	9563
9332	9079	9098	8242	7961	8091	7962	7875	8271	8618	9950	**10031**
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
17:00	15:00	13:00	09:00	13:00	13:00	12:00	13:00	20:00	07:00	17:00	15:00
17:00	20:00	19:00	13:00	12:00	13:00	13:00	12:00	20:00	07:00	17:00	**15:00**
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
11597	11538	11456	9582	9630	9380	9656	9523	9873	10049	10115	11326

[2] Terminology 2.15, see also note Physical energy exchange in interconnected operation

[3] including deliveries from industry

Physical exchanges in interconnected operation [1]

Czech Republic | GWh

MM_YY	CZ→AT	CZ→DE	CZ→PL	CZ→SK	UCTE_EXP	Total_EXP	AT→CZ	DE→CZ	PL→CZ	SK→CZ	UCTE_IMP	Total_IMP	CZ_UCTE	CZ_Total
	Export (-)						Import (+)						Balance	
I.97	269	180	n.a.	n.a.	449	n.a.	2	110	n.a.	n.a.	112	n.a.	-337	n.a.
II.97	237	171	n.a.	n.a.	408	n.a.	4	109	n.a.	n.a.	113	n.a.	-295	n.a.
III.97	196	212	n.a.	n.a.	408	n.a.	13	66	n.a.	n.a.	79	n.a.	-329	n.a.
IV.97	220	271	n.a.	n.a.	491	n.a.	7	23	n.a.	n.a.	30	n.a.	-461	n.a.
V.97	164	216	n.a.	n.a.	380	n.a.	0	95	n.a.	n.a.	95	n.a.	-285	n.a.
VI.97	256	273	n.a.	n.a.	529	n.a.	3	245	n.a.	n.a.	248	n.a.	-281	n.a.
VII.97	202	261	n.a.	n.a.	463	n.a.	18	116	n.a.	n.a.	134	n.a.	-329	n.a.
VIII.97	145	114	n.a.	n.a.	259	n.a.	27	147	n.a.	n.a.	174	n.a.	-85	n.a.
IX.97	254	304	n.a.	n.a.	558	n.a.	2	76	n.a.	n.a.	78	n.a.	-480	n.a.
X.97	180	344	n.a.	n.a.	524	n.a.	8	121	n.a.	n.a.	129	n.a.	-395	n.a.
XI.97	252	427	n.a.	n.a.	679	n.a.	1	288	n.a.	n.a.	289	n.a.	-390	n.a.
XII.97	233	401	n.a.	n.a.	634	n.a.	3	0	n.a.	n.a.	3	n.a.	-631	n.a.
1997	**2608**	**3174**	**n.a.**	**n.a.**	**5782**	**n.a.**	**88**	**1396**	**n.a.**	**n.a.**	**1484**	**n.a.**	**-4298**	**n.a.**
I.06	631	1027	0	495	2153	2153	0	111	1174	107	1392	1392	-761	-761
II.06	527	1015	0	445	1987	1987	4	93	1043	69	1209	1209	-778	-778
III.06	425	1300	1	371	2097	2097	7	2	1025	97	1131	1131	-966	-966
IV.06	421	1083	1	287	1792	1792	2	1	831	63	897	897	-895	-895
V.06	485	1101	8	316	1910	1910	2	0	781	80	863	863	-1047	-1047
VI.06	428	1004	8	317	1757	1757	0	0	584	49	633	633	-1124	-1124
VII.06	392	1090	10	408	1900	1900	4	1	558	39	602	602	-1298	-1298
VIII.06	123	1035	12	597	1767	1767	3	5	538	34	580	580	-1187	-1187
IX.06	649	754	1	457	1861	1861	0	11	695	6	712	712	-1149	-1149
X.06	672	769	0	627	2068	2068	0	97	866	29	992	992	-1076	-1076
XI.06	575	927	1	743	2246	2246	1	121	1043	14	1179	1179	-1067	-1067
XII.06	811	949	0	794	2554	2554	0	205	1043	25	1273	1273	-1281	-1281
2006	**6139**	**12054**	**42**	**5857**	**24092**	**24092**	**23**	**647**	**10181**	**612**	**11463**	**11463**	**-12629**	**-12629**
I.07	752	949	1	1040	2742	2742	0	204	927	1	1132	1132	-1610	-1610
II.07	593	783	0	819	2195	2195	0	156	885	4	1045	1045	-1150	-1150
III.07	725	837	0	743	2305	2305	0	105	845	21	971	971	-1334	-1334
IV.07	750	810	2	754	2316	2316	0	69	647	6	722	722	-1594	-1594
V.07	761	595	2	780	2138	2138	0	42	678	6	726	726	-1412	-1412
VI.07	519	299	1	735	1554	1554	6	63	514	7	590	590	-964	-964
VII.07	590	766	0	812	2168	2168	4	47	725	0	776	776	-1392	-1392
VIII.07	564	663	0	912	2139	2139	2	13	604	1	620	620	-1519	-1519
IX.07	349	753	0	822	1924	1924	7	23	758	2	790	790	-1134	-1134
X.07	449	935	13	955	2352	2352	4	28	913	0	945	945	-1407	-1407
XI.07	407	1065	0	739	2211	2211	12	44	845	1	902	902	-1309	-1309
XII.07	529	966	1	814	2310	2310	5	92	889	4	990	990	-1320	-1320
2007	**6988**	**9421**	**20**	**9925**	**26354**	**26354**	**40**	**886**	**9230**	**53**	**10209**	**10209**	**-16145**	**-16145**

[1] These physical energy flows were measured on all cross-frontier transmission lines . These values may differ from the official statistics and the total physical balance in the table "Monthly values: Operation".

Physical exchanges in interconnected operation [1]

Germany | GWh

MM_YY	DE→AT	DE→CH	DE→CZ	DE→FR	DE→LU	DE→NL	DE→PL	DE→DK_W	DE→DK_E [2]	DE→SE	UCTE_EXP	Total_EXP	AT→DE	CH→DE	CZ→DE	FR→DE	LU→DE	NL→DE	PL→DE	DK_W→DE	DK_E [2]→DE	SE→DE	UCTE_IMP	Total_IMP	DE_UCTE	DE_Total
MM_YY	Export (-)												Import (+)												Balance	
I.97	552	783	110	12	394	1204	258	n.a.	229	136	2945	3678	272	367	180	1170	65	183	114	n.a.	200	10	2057	2561	-888	-1117
II.97	631	829	109	0	332	1128	250	n.a.	135	68	2920	3482	206	255	171	1239	56	108	103	n.a.	232	5	1864	2375	-1056	-1107
III.97	522	842	66	0	354	1217	304	n.a.	152	33	2935	3490	228	313	212	1416	63	122	104	n.a.	316	7	2142	2781	-793	-709
IV.97	581	652	23	0	349	1118	303	n.a.	123	3	2700	3152	167	292	271	1500	65	136	67	n.a.	275	86	2160	2859	-540	-293
V.97	442	515	95	3	341	1166	263	n.a.	10	3	2467	2838	316	334	216	1309	71	156	31	n.a.	250	113	2186	2796	-281	-42
VI.97	136	395	245	1	342	1431	265	n.a.	20	1	2305	2836	482	496	273	1318	76	86	31	n.a.	216	101	2458	3079	153	243
VII.97	179	249	116	5	345	1423	419	n.a.	33	0	2201	2769	640	658	261	1323	71	106	60	n.a.	109	245	2798	3473	597	704
VIII.97	214	353	147	8	318	908	284	n.a.	85	3	1801	2320	578	636	114	1515	75	156	137	n.a.	135	55	2960	3401	1159	1081
IX.97	448	516	76	8	344	1028	411	n.a.	6	5	2344	2842	255	504	304	1471	82	167	77	n.a.	277	86	2479	3223	135	381
X.97	605	1001	121	8	373	957	430	n.a.	9	2	2944	3506	209	395	344	1463	81	147	69	n.a.	446	98	2295	3252	-649	-254
XI.97	699	1000	288	8	362	1029	448	n.a.	79	56	3098	3969	130	430	427	1451	74	94	95	n.a.	385	4	2179	3090	-919	-879
XII.97	797	1000	0	8	356	1103	442	n.a.	150	103	3264	3959	170	417	401	1365	69	111	78	n.a.	372	5	2132	2988	-1132	-971
1997	**5806**	**8135**	**1396**	**61**	**4210**	**13712**	**4077**	**n.a.**	**1031**	**413**	**31924**	**38841**	**3653**	**5097**	**3174**	**16540**	**848**	**1572**	**966**	**n.a.**	**3213**	**815**	**27710**	**35878**	**-4214**	**-2963**
I.06	1706	1639	111	123	466	2486	303	22	22	23	6834	6901	419	120	1027	534	69	0	9	770	291	233	2178	3472	-4656	-3429
II.06	1531	1523	93	350	416	2322	279	7	18	25	6514	6564	405	110	1015	275	61	0	7	723	297	272	1873	3165	-4641	-3399
III.06	1405	1426	2	266	442	2759	231	43	114	147	6531	6835	541	92	1300	436	64	0	13	585	179	131	2446	3341	-4085	-3494
IV.06	1050	961	1	10	406	2113	56	200	214	258	4597	5269	548	202	1083	1520	67	0	94	244	68	74	3514	3900	-1083	-1369
V.06	638	539	0	5	426	2031	120	258	72	147	3759	4236	622	438	1101	1666	76	1	44	226	24	112	3948	4310	189	74
VI.06	899	962	0	20	416	1564	11	265	225	241	3872	4603	687	234	1004	1567	72	8	212	228	86	76	3784	4174	-88	-429
VII.06	898	698	1	44	440	1178	153	194	176	136	3412	3918	823	520	1090	1258	67	35	102	247	166	187	3895	4495	483	577
VIII.06	843	698	5	0	392	929	78	437	360	339	2945	4081	652	292	1035	2118	60	214	133	46	13	11	4504	4574	1559	493
IX.06	1108	807	11	4	422	1115	88	236	233	216	3555	4240	358	406	754	1980	65	22	77	122	29	20	3662	3833	107	-407
X.06	1449	1207	97	0	447	1478	287	237	236	186	4965	5624	277	208	769	2051	72	2	30	244	103	51	3409	3807	-1556	-1817
XI.06	1360	1377	121	0	434	1986	411	69	161	156	5689	6075	322	202	927	1690	64	0	1	376	171	146	3206	3899	-2483	-2176
XII.06	1912	1857	205	16	427	2375	531	109	64	70	7323	7566	188	93	949	1077	67	1	0	412	205	178	2375	3170	-4948	-4396
2006	**14799**	**13694**	**647**	**838**	**5134**	**22336**	**2548**	**2077**	**1895**	**1944**	**59996**	**65912**	**5842**	**2917**	**12054**	**16172**	**804**	**283**	**722**	**4223**	**1632**	**1491**	**38794**	**46140**	**-21202**	**-19772**
I.07	1939	1948	204	4	457	1878	565	82	0	104	6995	7181	227	67	949	1393	80	7	0	435	0	170	2723	3328	-4272	-3853
II.07	1594	1598	156	7	409	1040	462	106	0	161	5266	5533	220	95	783	1516	64	24	1	431	0	34	2703	3168	-2563	-2365
III.07	1635	1701	105	23	449	1810	504	99	20	97	6227	6443	268	138	837	1374	71	2	0	472	186	167	2690	3515	-3537	-2928
IV.07	1437	1238	69	12	418	1730	351	34	19	28	5255	5336	276	140	810	1367	66	1	6	648	230	253	2666	3797	-2589	-1539
V.07	1193	801	42	15	443	1384	301	31	22	37	4179	4269	316	294	595	1507	74	4	11	623	300	272	2801	3996	-1378	-273
VI.07	945	562	63	10	422	958	313	75	102	73	3348	3523	370	399	299	1754	60	22	10	379	192	171	3293	3656	-55	133
VII.07	806	507	47	22	424	1487	421	26	58	61	3740	3859	488	546	766	1632	62	38	3	524	202	175	4059	4436	319	577
VIII.07	859	750	13	9	405	1080	341	3	126	75	3460	3661	408	480	663	2249	64	98	2	539	99	154	4503	4756	1043	1095
IX.07	1054	917	23	28	433	1556	280	39	109	100	4330	4539	518	240	753	1552	66	40	7	462	138	105	3638	3881	-692	-658
X.07	1285	1377	28	115	465	1199	429	87	88	53	4985	5126	501	373	935	1263	66	63	3	481	202	141	3685	4028	-1300	-1098
XI.07	1529	1677	44	247	447	1806	483	40	100	89	6273	6462	546	245	1065	450	66	0	1	515	207	95	2888	3190	-3385	-3272
XII.07	1856	1950	92	237	443	2135	441	58	148	93	7212	7453	373	88	966	377	63	1	4	396	150	101	2268	2519	-4944	-4934
2007	**16132**	**15026**	**886**	**729**	**5215**	**18063**	**4891**	**680**	**792**	**971**	**61270**	**63385**	**4511**	**3105**	**9421**	**16434**	**802**	**300**	**48**	**5905**	**1906**	**1838**	**37917**	**44270**	**-23353**	**-19115**

[1] These physical energy flows were measured on all cross-frontier transmission lines . These values may differ from the official statistics and the total physical balance in the table "Monthly values: Operation".

[2] Physical exchanges of the year 1997 with the whole Denmark

Germany

Monthly values / Operation

				I-XII
Thermal nuclear net production	GWh	Σ	1997	160124
			2006	158725
			2007	133203
Thermal conventional net production	GWh	Σ	1997	297822
			2006	359126
			2007	365971
Hydraulic net production	GWh	Σ	1997	18473
			2006	23997
			2007	24361
Other renewable net production [1]	GWh	Σ	2006	45964
			2007	60454
- of which wind	GWh	Σ	2006	32295
			2007	39535
Not clearly identifiable net production [1]	GWh	Σ	2006	0
			2007	0
Total net electrical energy production, calculated to represent 100% of the national values	GWh	Σ	1997 [3]	553958
			2006 [3]	587812
			2007 [3]	583989
Physical import	GWh	Σ	1997	35878
			2006	46140
			2007	44270
Physical export	GWh	Σ	1997	38841
			2006	65912
			2007	63385
Total physical import/export balance [2]	GWh	Σ	1997	-2427
			2006	-19771
			2007	-19115
Consumption of pumps	GWh	Σ	1997	5409
			2006	8963
			2007	8975
National electrical consumption, calculated to represent 100% of the national values	GWh	Σ	1997	546122
			2006	559078
			2007	555899
Consumption load 3:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1997	67285
			2006	59000
			2007	58445
Consumption load 11:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1997	82865
			2006	78574
			2007	78425
Highest load on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1997	83823
			2006	80750
			2007	82787
Time of highest load on the 3rd Wednesday		CET	1997	18:00
			2006	19:00
			2007	19:00
Power produced in parallel operation on the 3rd Wednesday at 11:00 a.m.	MW	max.	1997	82700
			2006	78600

[1] Before 2005, the information on renewable and not identifiable energy sources was collected in a different manner. Some countries added them to thermal conventional, some considered them as the part of not represented in the figures (through the factor "representativity").

I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
15283	13334	14388	14375	12597	12198	12144	11573	11972	13783	14001	14476
15228	13773	14559	13467	11702	12639	12731	12444	13273	13593	12129	13187
13193	12199	12925	11189	11120	10535	9318	9393	9628	10565	10941	12197
31027	25808	24975	23942	21812	21673	21548	20951	23131	26287	28180	28488
35742	34905	35223	27785	25963	27193	28632	26089	25565	28275	31737	32017
32990	32081	33225	29614	26731	28006	28653	28833	26861	32748	33398	32831
1376	1294	1686	1525	1849	1764	1998	1620	1291	1378	1156	1536
1644	1596	1955	2311	2476	2255	1981	2236	1959	1934	1801	1849
1940	1804	1968	1644	1980	2232	2503	2255	2181	1897	1906	2051
4481	3007	3596	3151	4007	2133	1990	3164	3348	4870	5983	6234
8975	4759	5805	4203	4172	3792	4915	3828	5012	3423	5776	5794
3677	2203	2701	2152	3008	1130	929	1943	2173	3172	4477	4730
7512	3328	4254	2491	2455	1964	2991	1825	3043	1596	3996	4080
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
55447	47017	47730	46327	42159	41435	41498	39700	42317	48194	50391	51743
57095	53281	55333	46714	44148	44220	45334	43933	44145	48672	51650	53287
57098	50843	53923	46650	44003	44565	45389	44309	43682	48633	52021	52873
2561	2375	2781	2859	2796	3079	3473	3401	3223	3252	3090	2988
3472	3165	3341	3900	4310	4174	4495	4574	3833	3807	3899	3170
3328	3168	3515	3797	3996	3656	4436	4756	3881	4028	3190	2519
3678	3482	3490	3152	2838	2836	2769	2320	2842	3506	3969	3959
6901	6564	6835	5269	4236	4603	3918	4081	4240	5624	6075	7566
7181	5533	6443	5336	4269	3523	3859	3661	4539	5126	6462	7453
-985	-811	-964	-191	17	185	722	1138	442	-204	-723	-1053
-3429	-3399	-3494	-1369	74	-429	578	493	-407	-1817	-2176	-4396
-3853	-2365	-2928	-1539	-273	133	577	1095	-658	-1098	-3272	-4934
426	386	417	359	483	482	497	481	461	482	476	459
775	758	698	604	657	613	688	781	812	857	857	863
734	719	702	632	707	681	762	785	765	807	807	874
54036	45820	46349	45777	41693	41138	41723	40357	42298	47508	49192	50231
52891	49124	51141	44741	43565	43178	45224	43645	42926	45998	48617	48028
52511	47759	50293	44479	43023	44017	45204	44619	42259	46728	47942	47065
67285	54620	51043	52980	43831	42164	42172	40568	42386	48847	56328	65510
59000	57962	58551	48761	46237	47581	46428	43526	46990	49971	52519	54652
53926	54103	54779	48252	47816	48919	47679	47184	51017	51384	56178	**58445**
82865	76240	75347	72925	71781	70392	69582	68705	73057	76907	76005	80759
78574	78274	74828	70979	71639	72945	70976	68708	72201	74903	75537	76834
78425	75775	76093	73373	71768	74676	73079	69992	74439	76364	78003	76390
83823	77417	76540	73589	73010	72003	71370	69900	73057	77080	78319	82705
80379	**80750**	77549	72187	73208	74179	72502	70660	73782	76385	80093	80230
82787	79775	77600	74894	73406	76267	74601	71686	75383	78661	81583	80819
18:00	19:00	12:00	12:00	12:00	12:00	12:00	12:00	11:00	12:00	18:00	18:00
19:00	**19:00**	20:00	12:00	12:00	12:00	12:00	12:00	12:00	20:00	18:00	18:00
19:00	19:00	20:00	12:00	12:00	12:00	12:00	12:00	12:00	20:00	18:00	18:00
82700	77400	74700	73000	69800	71900	67200	64800	70600	76200	76400	81800
78600	78300	74800	71000	71600	72900	71000	68700	72200	74900	72300	76800

[2] Terminology 2.15, see also note Physical energy exchange in interconnected operation

[3] including deliveries from industry

Denmark West

Monthly values / Operation

				I-XII
Thermal nuclear net production	GWh	Σ	1997	n.a.
			2006	0
			2007	0
Thermal conventional net production	GWh	Σ	1997	n.a.
			2006	20093
			2007	16403
Hydraulic net production	GWh	Σ	1997	n.a.
			2006	25
			2007	31
Other renewable net production [1]	GWh	Σ	2006	6113
			2007	7135
- of which wind	GWh	Σ	2006	4671
			2007	5625
Not clearly identifiable net production [1]	GWh	Σ	2006	1
			2007	0
Total net electrical energy production, calculated to represent 100% of the national values	GWh	Σ	1997	n.a.
			2006 [3]	26232
			2007 [3]	23569
Physical import	GWh	Σ	1997	n.a.
			2006	3793
			2007	6271
Physical export	GWh	Σ	1997	n.a.
			2006	8290
			2007	8044
Total physical import/export balance [2]	GWh	Σ	1997	n.a.
			2006	-4499
			2007	-1775
Consumption of pumps	GWh	Σ	1997	n.a.
			2006	0
			2007	0
National electrical consumption, calculated to represent 100% of the national values	GWh	Σ	1997	n.a.
			2006	21733
			2007	21794
Consumption load 3:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1997	n.a.
			2006	2090
			2007	2116
Consumption load 11:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1997	n.a.
			2006	3565
			2007	3653
Highest load on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1997	n.a.
			2006	3652
			2007	3713
Time of highest load on the 3rd Wednesday		CET	1997	n.a.
			2006	18:00
			2007	09:00
Power produced in parallel operation on the 3rd Wednesday at 11:00 a.m.	MW	max.	1997	n.a.
			2006	4876

[1] Before 2005, the information on renewable and not identifiable energy sources was collected in a different manner. Some countries added them to thermal conventional, some considered them as the part of not represented in the figures (through the factor "representativity").

Denmark West

I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
2095	2005	2257	1537	1274	1477	1387	1551	1520	1645	1732	1613
1402	1728	1436	1142	1035	1157	914	1040	1196	1621	1887	1845
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
2	3	2	3	2	1	1	1	1	2	3	4
5	3	4	2	2	2	2	2	2	2	2	3
551	432	532	510	565	388	273	301	476	481	782	822
1035	637	701	573	468	317	545	478	689	402	692	598
410	299	390	387	456	264	156	185	387	367	665	705
913	525	572	453	337	213	425	370	580	257	539	441
0	1	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
2648	2441	2791	2050	1841	1866	1661	1853	1997	2128	2517	2439
2442	2368	2141	1717	1505	1476	1461	1520	1887	2025	2581	2446
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
363	233	138	267	394	372	427	473	277	362	177	310
382	340	459	691	857	609	746	810	455	487	205	230
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	0	n.a.	n.a.	n.a.
925	840	922	610	536	572	472	601	574	653	765	820
778	844	688	721	646	417	604	569	613	623	830	711
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
-563	-608	-785	-344	-141	-200	-43	-128	-297	-292	-588	-510
-395	-504	-230	-31	211	192	142	242	-159	-136	-627	-480
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
2085	1833	2006	1706	1700	1666	1618	1725	1700	1836	1929	1929
2047	1864	1911	1686	1716	1668	1603	1762	1728	1889	1954	1966
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
2090	2053	2078	1844	1790	1909	1704	1786	1810	1829	1934	2034
1970	2087	1977	1887	1859	1789	1638	1900	1823	1884	2038	**2116**
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
3565	3507	3435	3053	3057	3072	2616	3013	3021	3121	3311	3393
3483	3573	3254	3136	3132	3024	2684	3235	3179	3198	3476	**3653**
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
3652	3507	3435	3053	3057	3072	2616	3013	3021	3121	3497	3511
3612	3573	3254	3136	3132	3024	2684	3244	3179	3198	3648	**3713**
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
18:00	11:00	11:00	11:00	11:00	11:00	11:00	11:00	11:00	11:00	18:00	09:00
18:00	11:00	11:00	11:00	11:00	11:00	11:00	12:00	11:00	11:00	18:00	**09:00**
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
3347	**4876**	4036	3868	3734	4425	2488	3298	3715	2914	3950	3794

[2] Terminology 2.15, see also note Physical energy exchange in interconnected operation

[3] including deliveries from industry

Physical exchanges in interconnected operation [1]

Denmark West | GWh

MM_YY	DK_W→DE	DK_W→NO	DK_W→SE	UCTE_EXP	Total_EXP	DE→DK_W	NO→DK_W	SE→DK_W	UCTE_IMP	Total_IMP	DK_W_UCTE	DK_W_Total
	Export (-)					Import (+)					Balance	
I.97	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
II.97	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
III.97	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
IV.97	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
V.97	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
VI.97	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
VII.97	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
VIII.97	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
IX.97	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
X.97	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
XI.97	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
XII.97	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
1997	**n.a.**	**n.a.**	**n.a.**	**n.a.**	**n.a.**	**n.a.**	**n.a.**	**n.a.**	**n.a.**	**n.a.**	**n.a.**	**n.a.**
I.06	770	84	71	770	925	22	269	72	22	363	-748	-562
II.06	723	50	67	723	840	7	145	81	7	233	-716	-607
III.06	585	179	158	585	922	43	78	17	43	138	-542	-784
IV.06	244	261	105	244	610	200	30	37	200	267	-44	-343
V.06	226	203	107	226	536	258	53	83	258	394	32	-142
VI.06	228	180	164	228	572	265	87	20	265	372	37	-200
VII.06	247	138	87	247	472	194	143	90	194	427	-53	-45
VIII.06	46	254	301	46	601	437	29	7	437	473	391	-128
IX.06	122	240	212	122	574	236	32	9	236	277	114	-297
X.06	244	236	173	244	653	237	57	68	237	362	-7	-291
XI.06	376	196	193	376	765	69	78	30	69	177	-307	-588
XII.06	412	303	105	412	820	109	126	75	109	310	-303	-510
2006	**4223**	**2324**	**1743**	**4223**	**8290**	**2077**	**1127**	**589**	**2077**	**3793**	**-2146**	**-4497**
I.07	435	240	103	435	778	82	230	70	82	382	-353	-396
II.07	431	212	201	431	844	106	213	21	106	340	-325	-504
III.07	472	166	50	472	688	99	272	88	99	459	-373	-229
IV.07	648	62	11	648	721	34	415	242	34	691	-614	-30
V.07	623	16	7	623	646	31	512	314	31	857	-592	211
VI.07	379	25	13	379	417	75	279	255	75	609	-304	192
VII.07	524	18	62	524	604	26	607	113	26	746	-498	142
VIII.07	539	0	30	539	569	3	657	150	3	810	-536	241
IX.07	462	10	141	462	613	39	300	116	39	455	-423	-158
X.07	481	65	77	481	623	87	258	142	87	487	-394	-136
XI.07	515	146	169	515	830	40	120	45	40	205	-475	-625
XII.07	396	195	120	396	711	58	107	65	58	230	-338	-481
2007	**5905**	**1155**	**984**	**5905**	**8044**	**680**	**3970**	**1621**	**680**	**6271**	**-5225**	**-1773**

[1] These physical energy flows were measured on the cross-frontier transmission lines (≥110 kV). These values may differ from the official statistics and the total physical balance in the table "Monthly values: Operation".

Physical exchanges in interconnected operation [1]

MM_YY	ES→FR	ES→PT	ES→MA	UCTE_EXP	Total_EXP	FR→ES	PT→ES	MA→ES	UCTE_IMP	Total_IMP	ES_UCTE	ES_Total
	Export (-)					Import (+)					Balance	
I.97	483	272	0	755	755	26	272	0	298	298	-457	-457
II.97	259	230	0	489	489	100	199	0	299	299	-190	-190
III.97	109	488	0	597	597	206	187	0	393	393	-204	-204
IV.97	96	627	0	723	723	172	157	0	329	329	-394	-394
V.97	120	607	0	727	727	177	120	0	297	297	-430	-430
VI.97	139	461	0	600	600	142	201	0	343	343	-257	-257
VII.97	132	613	0	745	745	192	169	0	361	361	-384	-384
VIII.97	142	609	0	751	751	192	111	0	303	303	-448	-448
IX.97	85	434	0	519	519	250	191	0	441	441	-78	-78
X.97	73	404	126	477	603	309	334	0	643	643	166	40
XI.97	149	240	6	389	395	227	243	2	470	472	81	77
XII.97	281	299	0	580	580	121	296	0	417	417	-163	-163
1997	**2068**	**5284**	**132**	**7352**	**7484**	**2114**	**2480**	**2**	**4594**	**4596**	**-2758**	**-2888**
I.06	121	914	84	1035	1119	582	223	6	805	811	-230	-308
II.06	166	806	156	972	1128	338	251	2	589	591	-383	-537
III.06	265	824	158	1089	1247	165	330	3	495	498	-594	-749
IV.06	86	541	116	627	743	527	271	4	798	802	171	59
V.06	13	727	0	740	740	700	196	0	896	896	156	156
VI.06	63	812	105	875	980	579	151	1	730	731	-145	-249
VII.06	163	775	103	938	1041	427	254	3	681	684	-257	-357
VIII.06	43	643	209	686	895	687	299	0	986	986	300	91
IX.06	37	808	215	845	1060	677	110	0	787	787	-58	-273
X.06	78	783	206	861	1067	595	258	5	853	858	-8	-209
XI.06	208	502	220	710	930	327	357	1	684	685	-26	-245
XII.06	236	346	327	582	909	306	483	2	789	791	207	-118
2006	**1479**	**8481**	**1899**	**9960**	**11859**	**5910**	**3183**	**27**	**9093**	**9120**	**-867**	**-2739**
I.07	71	687	274	758	1032	731	455	1	1186	1187	428	155
II.07	58	784	247	842	1089	537	357	1	894	895	52	-194
III.07	83	831	328	914	1242	700	345	0	1045	1045	131	-197
IV.07	29	694	289	723	1012	681	104	1	785	786	62	-226
V.07	63	748	380	811	1191	569	155	0	724	724	-87	-467
VI.07	48	609	336	657	993	691	113	0	804	804	147	-189
VII.07	79	738	319	817	1136	715	151	1	866	867	49	-269
VIII.07	41	847	286	888	1174	737	150	1	887	888	-1	-286
IX.07	97	918	346	1015	1361	441	86	0	527	527	-488	-834
X.07	182	908	266	1090	1356	221	32	3	253	256	-837	-1100
XI.07	216	859	230	1075	1305	178	111	2	289	291	-786	-1014
XII.07	146	860	201	1006	1207	420	95	11	515	526	-491	-681
2007	**1113**	**9483**	**3502**	**10596**	**14098**	**6621**	**2154**	**21**	**8775**	**8796**	**-1821**	**-5302**

[1] These physical energy flows were measured on the cross-frontier transmission lines (≥110 kV). These values may differ from the official statistics and the total physical balance in the table "Monthly values: Operation".

Spain

Monthly values / Operation

				I-XII
Thermal nuclear net production	GWh	Σ	1997	53049
			2006	57417
			2007	52668
Thermal conventional net production	GWh	Σ	1997	81086
			2006	148906
			2007	157059
Hydraulic net production	GWh	Σ	1997	32936
			2006	28884
			2007	29881
Other renewable net production [1]	GWh	Σ	2006	26782
			2007	31764
- of which wind	GWh	Σ	2006	22737
			2007	26888
Not clearly identifiable net production [1]	GWh	Σ	2006	0
			2007	0
Total net electrical energy production, calculated to represent 100% of the national values	GWh	Σ	1997	177718
			2006	268007
			2007	277901
Physical import	GWh	Σ	1997	4596
			2006	9120
			2007	8796
Physical export	GWh	Σ	1997	7484
			2006	11859
			2007	14098
Total physical import/export balance [2]	GWh	Σ	1997	-3073
			2006	-3280
			2007	-5752
Consumption of pumps	GWh	Σ	1997	1759
			2006	5262
			2007	4350
National electrical consumption, calculated to represent 100% of the national values	GWh	Σ	1997	172886
			2006	259465
			2007	267799
Consumption load 3:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1997	19040
			2006	27472
			2007	28413
Consumption load 11:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1997	26729
			2006	40658
			2007	41311
Highest load on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1997	28155
			2006	42744
			2007	43352
Time of highest load on the 3rd Wednesday		CET	1997	19:00
			2006	19:00
			2007	18:00
Power produced in parallel operation on the 3rd Wednesday at 11:00 a.m.	MW	max.	1997	25454
			2006	40562

[1] Before 2005, the information on renewable and not identifiable energy sources was collected in a different manner. Some countries added them to thermal conventional, some considered them as the part of not represented in the figures (through the factor "representativity").

I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
5031	4411	3692	4062	4998	4588	4735	4656	4176	4077	4226	4397
5415	4879	5064	3540	4309	4848	4797	5168	4316	4633	5073	5375
5327	4771	4948	4346	3489	3163	3865	3984	4880	4894	3935	5066
5068	5091	7006	7196	6486	6595	7672	7240	8149	8334	6484	5765
14918	13536	11529	10049	11904	13085	15671	11871	13998	11788	10277	10280
13995	10500	10553	11600	12115	13675	14541	12895	13079	13468	15207	15431
5425	3239	2473	2166	2106	2218	1947	1698	1601	1465	3380	5218
2041	1564	3246	2903	2332	1747	1853	1306	1444	1994	3320	5134
2508	3262	4149	3034	3066	2526	2666	2012	1600	1916	1597	1545
1868	2223	3115	2294	1997	1712	1499	2506	1786	2660	2602	2520
2515	3187	3452	1720	2967	2177	2324	2840	2324	2364	3159	2735
1518	1903	2767	1950	1667	1368	1169	2168	1457	2324	2270	2176
2152	2865	3068	1349	2582	1778	1878	2404	1899	1890	2724	2299
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
16514	13552	14010	14280	14457	14254	15269	14461	14814	14760	14987	16360
24802	22738	23475	19218	21015	21887	24384	21350	22071	21580	21727	23760
24910	22212	23610	21149	22168	22079	23968	22279	22410	23183	24535	25398
298	299	393	329	297	343	361	303	441	643	472	417
811	591	498	802	896	731	684	986	787	858	685	791
1187	895	1045	786	724	804	867	888	527	256	291	526
755	489	597	723	727	600	745	751	519	603	395	580
1119	1128	1247	743	740	980	1041	895	1060	1067	930	909
1032	1089	1242	1012	1191	993	1136	1174	1361	1356	1305	1207
-484	-205	-220	-410	-439	-268	-398	-455	-103	13	65	-169
-365	-584	-799	42	19	-262	-378	63	-311	-237	-285	-183
95	-236	-243	-261	-495	-224	-290	-314	-847	-1154	-1053	-730
253	37	12	21	82	85	118	176	190	145	266	374
575	520	368	300	306	360	497	388	487	542	542	377
363	389	376	292	397	351	331	368	338	303	375	467
15777	13310	13778	13849	13936	13901	14753	13830	14521	14628	14786	15817
23862	21634	22308	18960	20728	21265	23509	21025	21273	20801	20900	23200
24642	21587	22991	20596	21276	21504	23347	21597	21225	21726	23107	24201
17611	16169	16265	16351	16123	16587	16655	16086	17128	15965	17427	**19040**
26458	25689	25104	22540	22895	24948	26288	20473	23156	22869	22622	**27472**
28178	26589	26331	23460	23542	23874	25646	22479	23206	23493	26423	**28413**
25594	22664	20624	22173	22235	22446	23114	21613	23468	21688	23842	**26729**
38040	36909	34490	32957	34820	35904	39107	28824	34839	34135	34266	**40658**
39522	37994	38301	34245	34940	35620	38307	25561	34745	34003	37275	**41311**
26961	23506	21808	22791	22571	23038	23882	22444	24396	23669	25332	**28155**
38800	38188	35358	33518	35562	37628	40278	29855	35534	35016	36386	**42744**
40477	38812	40405	35243	35251	36401	39325	29888	35485	36788	39567	**43352**
20:00	21:00	21:00	22:00	13:00	13:00	13:00	13:00	13:00	21:00	20:00	**19:00**
19:00	20:00	21:00	21:00	12:00	14:00	17:00	21:00	12:00	20:00	19:00	**19:00**
20:00	21:00	20:00	21:00	12:00	13:00	13:00	22:00	12:00	20:00	19:00	**18:00**
24784	21221	19872	21690	21653	22002	22602	21515	22583	20561	22624	**25454**
37340	36103	36934	31180	33158	36364	37725	28835	33301	34682	33621	**40562**

[2] Terminology 2.15, see also note Physical energy exchange in interconnected operation

France

Monthly values / Operation

				I-XII
Thermal nuclear net production	GWh	Σ	1997	375934
			2006	428674
			2007	418609
Thermal conventional net production	GWh	Σ	1997	33109
			2006	53952
			2007	55033
Hydraulic net production	GWh	Σ	1997	63637
			2006	60927
			2007	63154
Other renewable net production [1]	GWh	Σ	2006	5521
			2007	7911
- of which wind	GWh	Σ	2006	2222
			2007	4048
Not clearly identifiable net production [1]	GWh	Σ	2006	0
			2007	0
Total net electrical energy production, calculated to represent 100% of the national values	GWh	Σ	1997 [3]	477455
			2006 [3]	549074
			2007 [3]	544707
Physical import	GWh	Σ	1997	3755
			2006	8079
			2007	10360
Physical export	GWh	Σ	1997	68294
			2006	69868
			2007	65465
Total physical import/export balance [2]	GWh	Σ	1997	-65773
			2006	-63272
			2007	-56716
Consumption of pumps	GWh	Σ	1997	5236
			2006	7442
			2007	7683
National electrical consumption, calculated to represent 100% of the national values	GWh	Σ	1997	406446
			2006	478360
			2007	480308
Consumption load 3:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1997	59314
			2006	65988
			2007	74738
Consumption load 11:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1997	62984
			2006	76392
			2007	84816
Highest load on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1997	64654
			2006	80966
			2007	87897
Time of highest load on the 3rd Wednesday		CET	1997	19:00
			2006	19:00
			2007	19:00
Power produced in parallel operation on the 3rd Wednesday at 11:00 a.m.	MW	max.	1997	69443
			2006	81108

[1] Before 2005, the information on renewable and not identifiable energy sources was collected in a different manner. Some countries added them to thermal conventional, some considered them as the part of not represented in the figures (through the factor "representativity").

I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
35313	31136	32660	33205	29722	27728	28690	27994	28908	32643	33259	34676
42769	35119	35324	35880	33950	32835	32901	32699	33832	35707	37250	40408
40872	36169	36738	31721	31803	30865	31819	32610	33301	36896	35806	40009
6105	3839	1819	1814	1332	1770	1195	1258	2336	3695	3803	4143
8595	8081	7809	2003	1530	2191	2824	1884	2718	3077	6294	6946
6519	5865	6333	3593	2837	2490	2588	2090	2941	4237	7522	8018
7123	5523	4884	4106	5448	5623	6419	4844	4502	4396	4621	6148
4186	4566	6511	6972	6765	5093	4386	3950	4296	4988	4080	5134
5360	5530	6755	5319	6041	7205	6135	5071	3965	3888	3335	4550
442	429	495	393	453	331	342	474	405	503	614	640
777	667	693	467	659	520	668	590	562	549	813	946
138	149	203	156	176	105	98	197	155	235	295	315
425	354	349	185	356	241	331	279	267	273	432	556
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
49031	40907	39761	39520	36871	35476	36671	34440	36107	41146	42104	45421
55992	48195	50139	45248	42698	40450	40453	39007	41251	44275	48238	53128
53528	48231	50519	41100	41340	41080	41210	40361	40769	45570	47476	53523
769	407	236	187	226	215	255	254	217	202	288	499
1206	1883	1490	148	111	264	656	153	257	263	464	1184
910	595	616	728	436	261	664	468	581	969	2241	1891
5519	5609	6110	5976	5570	5261	5219	5332	5481	6064	6116	6037
3858	2671	3904	7239	7197	6064	5472	7114	7127	7460	6809	4953
5573	5580	6064	5220	5947	6881	6228	7370	5725	4795	2701	3381
-4891	-5297	-5962	-5835	-5379	-5119	-5054	-5187	-5381	-5978	-5974	-5716
-2782	-937	-2556	-7222	-7195	-5919	-4959	-7091	-6962	-7307	-6454	-3888
-4799	-5104	-5561	-4608	-5635	-6739	-5753	-7085	-5280	-3920	-595	-1637
350	394	486	436	541	478	423	364	406	563	393	402
755	624	696	602	706	529	560	526	522	663	577	682
759	669	567	682	711	449	499	424	505	782	813	823
43790	35216	33313	33249	30951	29879	31194	28889	30320	34605	35737	39303
52455	46634	46887	37424	34797	34002	34934	31390	33767	36305	41207	48558
47970	42458	44391	35810	34994	33892	34958	32852	34984	40868	46068	51063
59314	48822	41194	43651	37578	37957	37901	35075	37104	41589	44198	57961
60345	62044	63156	48757	41089	41491	42813	33800	39988	42726	49054	**65988**
55398	55558	63234	43021	43622	41374	42412	37137	42382	45189	55909	**74738**
62319	58967	53479	53763	50505	50140	50491	45578	49792	56945	56500	**62984**
74383	75526	73075	60371	55139	56362	57451	46333	54813	57822	62082	**76392**
69447	67724	72465	56239	57890	56143	56829	42016	57495	60488	69864	**84816**
64039	60142	54790	54294	51198	50245	50931	46191	50073	57051	60100	**64654**
76219	76442	74891	60991	55896	57315	58229	48094	55241	58675	66046	**80966**
72668	69366	73981	56753	58357	56758	57763	44765	58000	61781	73257	**87897**
09:00	19:00	20:00	10:00	12:00	12:00	12:00	13:00	12:00	12:00	19:00	**19:00**
19:00	19:00	09:00	10:00	13:00	12:00	12:00	13:00	12:00	20:00	19:00	**19:00**
19:00	19:00	20:00	12:00	13:00	12:00	12:00	13:00	12:00	20:00	19:00	**19:00**
66232	67033	61798	61804	58599	55702	57593	53026	56806	63105	64797	**69443**
80716	78325	73649	72342	66770	62962	58689	56919	65219	65785	70724	**81108**

[2] Terminology 2.15, see also note Physical energy exchange in interconnected operation

[3] including deliveries from industry

Physical exchanges in interconnected operation [1]

France | GWh

MM_YY	FR→BE	FR→CH	FR→DE	FR→ES	FR→IT	FR→GB	UCTE_EXP	Total_EXP	BE→FR	CH→FR	DE→FR	ES→FR	IT→FR	GB→FR	UCTE_IMP	Total_IMP	FR_UCTE	FR_Total
	Export (-)								Import (+)								Balance	
I.97	368	978	1170	26	1551	1426	4093	5519	202	45	12	483	27	0	769	769	-3324	-4750
II.97	448	1017	1239	100	1475	1330	4279	5609	115	3	0	259	30	0	407	407	-3872	-5202
III.97	479	1023	1416	206	1539	1447	4663	6110	91	1	0	109	35	0	236	236	-4427	-5874
IV.97	544	846	1500	172	1498	1416	4560	5976	53	6	0	96	32	0	187	187	-4373	-5789
V.97	618	631	1309	177	1435	1400	4170	5570	31	38	3	120	34	0	226	226	-3944	-5344
VI.97	604	562	1318	142	1362	1273	3988	5261	13	25	1	139	37	0	215	215	-3773	-5046
VII.97	498	516	1323	192	1301	1389	3830	5219	11	72	5	132	35	0	255	255	-3575	-4964
VIII.97	844	537	1515	192	817	1427	3905	5332	12	56	8	142	36	0	254	254	-3651	-5078
IX.97	640	476	1471	250	1408	1236	4245	5481	28	78	8	85	18	0	217	217	-4028	-5264
X.97	569	748	1463	309	1511	1464	4600	6064	39	66	8	73	16	0	202	202	-4398	-5862
XI.97	429	943	1451	227	1653	1413	4703	6116	64	38	8	149	29	0	288	288	-4415	-5828
XII.97	280	1085	1365	121	1763	1423	4614	6037	146	33	8	281	31	0	499	499	-4115	-5538
1997	**6321**	**9362**	**16540**	**2114**	**17313**	**16644**	**51650**	**68294**	**805**	**461**	**61**	**2068**	**360**	**0**	**3755**	**3755**	**-47895**	**-64539**
I.06	296	784	534	582	694	968	2890	3858	320	439	123	121	122	81	1125	1206	-1765	-2652
II.06	127	627	275	338	694	610	2061	2671	564	509	350	166	103	191	1692	1883	-369	-788
III.06	265	870	436	165	1042	1126	2778	3904	446	365	266	265	100	48	1442	1490	-1336	-2414
IV.06	1032	1151	1520	527	1614	1395	5844	7239	11	5	10	86	36	0	148	148	-5696	-7091
V.06	1114	960	1666	700	1439	1318	5879	7197	15	36	5	13	42	0	111	111	-5768	-7086
VI.06	1230	642	1567	579	1366	680	5384	6064	23	62	20	63	44	52	212	264	-5172	-5800
VII.06	1272	525	1258	427	1249	741	4731	5472	52	271	44	163	54	72	584	656	-4147	-4816
VIII.06	1456	1031	2118	687	860	962	6152	7114	30	28	0	43	32	20	133	153	-6019	-6961
IX.06	1468	968	1980	677	1395	639	6488	7127	15	100	4	37	32	69	188	257	-6300	-6870
X.06	1062	1192	2051	595	1619	941	6519	7460	46	72	0	78	36	31	232	263	-6287	-7197
XI.06	952	1355	1690	327	1546	939	5870	6809	89	55	0	208	47	65	399	464	-5471	-6345
XII.06	370	1217	1077	306	1373	610	4343	4953	370	214	16	236	78	270	914	1184	-3429	-3769
2006	**10644**	**11322**	**16172**	**5910**	**14891**	**10929**	**58939**	**69868**	**1981**	**2156**	**838**	**1479**	**726**	**899**	**7180**	**8079**	**-51759**	**-61789**
I.07	311	1152	1393	731	1296	690	4883	5573	321	139	4	71	87	288	622	910	-4261	-4663
II.07	490	1157	1516	537	1330	550	5030	5580	192	53	7	58	68	217	378	595	-4652	-4985
III.07	466	1287	1374	700	1472	765	5299	6064	278	96	23	83	70	66	550	616	-4749	-5448
IV.07	385	997	1367	681	1425	365	4855	5220	265	120	12	29	58	244	484	728	-4371	-4492
V.07	1057	770	1507	569	1347	697	5250	5947	53	59	15	63	64	182	254	436	-4996	-5511
VI.07	1318	703	1754	691	1471	944	5937	6881	39	93	10	48	41	30	231	261	-5706	-6620
VII.07	949	501	1632	715	1395	1036	5192	6228	42	391	22	79	106	24	640	664	-4552	-5564
VIII.07	1278	726	2249	737	1142	1238	6132	7370	2	290	9	41	126	0	468	468	-5664	-6902
IX.07	917	734	1552	441	1135	946	4779	5725	19	359	28	97	72	6	575	581	-4204	-5144
X.07	613	817	1263	221	1236	645	4150	4795	140	221	115	182	62	249	720	969	-3430	-3826
XI.07	241	671	450	178	905	256	2445	2701	613	385	247	216	184	596	1645	2241	-800	-460
XII.07	321	927	377	420	978	358	3023	3381	357	442	237	146	216	493	1398	1891	-1625	-1490
2007	**8346**	**10442**	**16434**	**6621**	**15132**	**8490**	**56975**	**65465**	**2321**	**2648**	**729**	**1113**	**1154**	**2395**	**7965**	**10360**	**-49010**	**-55105**

[1] These physical energy flows were measured on the cross-frontier transmission lines (≥110 kV). These values may differ from the official statistics and the total physical balance in the table "Monthly values: Operation".

Physical exchanges in interconnected operation [1]

MM_YY	GR→BG	GR→IT	GR→MK	GR→AL	GR→TR	UCTE_EXP	Total_EXP	BG→GR	IT→GR	MK→GR	AL→GR	TR→GR	UCTE_IMP	Total_IMP	GR_UCTE	GR_Total
	Export (-)							Import (+)							Balance	
I.97	5	0	7	41	0	7	53	34	0	42	1	0	42	77	35	24
II.97	9	0	7	67	0	7	83	18	0	46	0	0	46	64	39	-19
III.97	1	0	5	52	0	5	58	99	0	96	2	0	96	197	91	139
IV.97	1	0	0	39	0	0	40	128	0	164	5	0	164	297	164	257
V.97	1	0	0	25	0	0	26	159	0	169	17	0	169	345	169	319
VI.97	2	0	0	20	0	0	22	153	0	172	34	0	172	359	172	337
VII.97	0	0	0	23	0	0	23	189	0	156	9	0	156	354	156	331
VIII.97	0	0	1	25	0	1	26	184	0	148	11	0	148	343	147	317
IX.97	1	0	0	32	0	0	33	156	0	133	3	0	133	292	133	259
X.97	1	0	3	68	0	3	72	123	0	100	0	0	100	223	97	151
XI.97	4	0	2	61	0	2	67	99	0	68	0	0	68	167	66	100
XII.97	1	0	2	84	0	2	87	110	0	67	0	0	67	177	65	90
1997	**26**	**0**	**27**	**537**	**0**	**27**	**590**	**1452**	**0**	**1361**	**82**	**0**	**1361**	**2895**	**1334**	**2305**
I.06	0	169	1	125	0	170	295	427	4	56	0	0	487	487	317	192
II.06	0	50	1	125	0	51	176	422	0	58	0	0	480	480	429	304
III.06	0	222	0	92	0	222	314	423	0	117	0	0	540	540	318	226
IV.06	0	173	0	21	0	173	194	370	3	127	4	0	500	504	327	310
V.06	0	149	0	3	0	149	152	202	0	119	21	0	321	342	172	190
VI.06	0	19	1	43	0	20	63	403	4	109	1	0	516	517	496	454
VII.06	0	7	0	75	0	7	82	392	14	181	0	0	587	587	580	505
VIII.06	0	4	0	73	0	4	77	406	75	110	0	0	591	591	587	514
IX.06	0	34	1	61	0	35	96	344	48	80	0	0	472	472	437	376
X.06	0	50	8	109	0	58	167	318	69	79	0	0	466	466	408	299
XI.06	0	40	0	92	0	40	132	350	100	101	0	0	551	551	511	419
XII.06	0	28	0	160	0	28	188	411	138	65	0	0	614	614	586	426
2006	**0**	**945**	**12**	**979**	**0**	**957**	**1936**	**4468**	**455**	**1202**	**26**	**0**	**6125**	**6151**	**5168**	**4215**
I.07	0	0	15	223	0	15	238	243	125	34	0	0	402	402	387	164
II.07	0	1	3	196	0	4	200	290	129	70	0	0	489	489	485	289
III.07	0	5	0	146	0	5	151	415	97	126	0	0	638	638	633	487
IV.07	0	19	0	109	0	19	128	331	77	80	0	0	488	488	469	360
V.07	0	5	0	123	0	5	128	209	140	73	0	0	422	422	417	294
VI.07	0	2	0	101	0	2	103	479	105	83	0	0	667	667	665	564
VII.07	0	0	0	103	0	0	103	422	197	115	0	0	734	734	734	631
VIII.07	0	0	1	112	0	1	113	403	45	118	0	65	566	631	565	518
IX.07	0	47	21	121	0	68	189	409	85	46	0	24	540	564	472	375
X.07	0	16	30	184	0	46	230	358	99	51	0	0	508	508	462	278
XI.07	0	32	25	175	0	57	232	364	13	32	0	0	409	409	352	177
XII.07	0	43	16	181	0	59	240	374	19	76	0	0	469	469	410	229
2007	**0**	**170**	**111**	**1774**	**0**	**281**	**2055**	**4297**	**1131**	**904**	**0**	**89**	**6332**	**6421**	**6051**	**4366**

[1] These physical energy flows were measured on the cross-frontier transmission lines (≥110 kV). These values may differ from the official statistics and the total physical balance in the table "Monthly values: Operation".

Greece

Monthly values / Operation

				I-XII
Thermal nuclear net production	GWh	Σ	1997	0
			2006	0
			2007	0
Thermal conventional net production	GWh	Σ	1997	32172
			2006	42653
			2007	47577
Hydraulic net production	GWh	Σ	1997	4053
			2006	6449
			2007	3367
Other renewable net production [1]	GWh	Σ	2006	1293
			2007	1511
- of which wind	GWh	Σ	2006	1199
			2007	1333
Not clearly identifiable net production [1]	GWh	Σ	2006	0
			2007	0
Total net electrical energy production, calculated to represent 100% of the national values	GWh	Σ	1997	38122
			2006 [3]	50395
			2007 [3]	52455
Physical import	GWh	Σ	1997	2895
			2006	6151
			2007	6421
Physical export	GWh	Σ	1997	590
			2006	1936
			2007	2055
Total physical import/export balance [2]	GWh	Σ	1997	2294
			2006	4203
			2007	4355
Consumption of pumps	GWh	Σ	1997	304
			2006	610
			2007	1122
National electrical consumption, calculated to represent 100% of the national values	GWh	Σ	1997	40112
			2006	53988
			2007	55688
Consumption load 3:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1997	4225
			2006	5280
			2007	6262
Consumption load 11:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1997	6305
			2006	8370
			2007	9424
Highest load on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1997	6567
			2006	8586
			2007	9771
Time of highest load on the 3rd Wednesday		CET	1997	13:00
			2006	13:00
			2007	13:00
Power produced in parallel operation on the 3rd Wednesday at 11:00 a.m.	MW	max.	1997	6326
			2006	7751

[1] Before 2005, the information on renewable and not identifiable energy sources was collected in a different manner. Some countries added them to thermal conventional, some considered them as the part of not represented in the figures (through the factor "representativity").

I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
2396	2646	2907	2514	2406	2639	3084	2649	2552	2679	2838	2862
3644	3423	3125	2790	3403	3657	3969	4143	3535	3498	3564	3902
4104	3683	3745	3453	3762	3998	4636	4303	3812	3898	3914	4269
808	378	159	187	292	298	384	278	231	327	255	456
939	543	936	667	643	419	413	491	328	315	368	387
313	238	193	208	283	336	523	315	185	179	278	316
112	93	106	92	94	81	175	81	111	130	108	110
140	127	154	92	88	80	149	119	123	130	150	159
103	86	98	85	88	73	168	74	101	122	100	101
130	118	142	80	74	67	135	104	106	110	129	138
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
3372	3182	3227	2842	2839	3090	3650	3080	2929	3164	3255	3492
4695	4059	4167	3549	4140	4157	4557	4715	3974	3943	4040	4399
4557	4048	4092	3753	4133	4414	5308	4737	4120	4207	4342	4744
77	64	197	297	345	359	354	343	292	223	167	177
487	480	540	504	342	517	587	591	472	466	551	614
402	489	638	488	422	667	734	631	564	508	409	469
53	83	58	40	26	22	23	26	33	72	67	87
295	176	314	194	152	63	82	77	96	167	132	188
238	200	151	128	128	103	103	113	189	230	232	240
23	-20	138	255	318	335	331	317	258	151	99	89
192	304	224	310	190	455	504	511	375	298	416	424
162	290	485	362	291	562	629	519	372	278	177	228
8	18	35	30	22	26	22	23	30	35	36	19
34	79	18	26	49	39	40	45	63	65	73	79
92	94	112	99	104	83	82	86	95	105	80	90
3387	3144	3330	3067	3135	3399	3959	3374	3157	3280	3318	3562
4853	4284	4373	3833	4281	4573	5021	5181	4286	4176	4383	4744
4627	4244	4465	4016	4320	4893	5855	5170	4397	4380	4439	4882
3875	4013	3738	3721	3433	3945	**4225**	3601	3270	3226	3757	4221
5174	5268	4627	4048	4238	5088	**5280**	4838	4304	4144	4674	4933
4855	4825	4430	4397	4523	5569	**6262**	5170	4617	4312	4628	5455
5424	5555	5381	5261	5511	6225	**6305**	5446	5168	5278	5360	6206
7793	7844	7202	6362	6552	**8370**	8049	7429	7003	6975	6833	7037
7284	7114	6765	6603	7495	9008	**9424**	6059	7490	6842	7214	8173
5806	5804	5661	5614	5901	**6567**	6475	5641	5561	5470	6108	6558
8055	8168	7231	6825	7081	**8586**	8152	7733	7331	7590	7575	8102
7796	7673	7393	7258	7718	9342	**9771**	6781	7839	7371	7905	8951
20:00	20:00	20:00	22:00	13:00	**13:00**	13:00	13:00	21:00	21:00	20:00	19:00
18:00	19:00	20:00	21:00	21:00	**13:00**	12:00	21:00	20:00	20:00	19:00	18:00
19:00	19:00	20:00	21:00	21:00	13:00	**13:00**	21:00	20:00	20:00	18:00	18:00
5400	5513	5363	5286	5689	**6326**	6299	5520	5254	5309	5327	6219
7547	7368	6914	6054	6426	**7751**	7305	6873	6603	6621	6625	6558

[2] Terminology 2.15, see also note Physical energy exchange in interconnected operation

[3] including deliveries from industry

Croatia

Monthly values / Operation

				I-XII
Thermal nuclear net production	GWh	Σ	1997	n.a.
			2006	0
			2007	0
Thermal conventional net production	GWh	Σ	1997	n.a.
			2006	5264
			2007	6664
Hydraulic net production	GWh	Σ	1997	n.a.
			2006	6082
			2007	4361
Other renewable net production [1]	GWh	Σ	2006	24
			2007	39
- of which wind	GWh	Σ	2006	17
			2007	35
Not clearly identifiable net production [1]	GWh	Σ	2006	0
			2007	0
Total net electrical energy production, calculated to represent 100% of the national values	GWh	Σ	1997	n.a.
			2006 [3]	11370
			2007 [3]	11064
Physical import	GWh	Σ	1997	n.a.
			2006	13249
			2007	11897
Physical export	GWh	Σ	1997	n.a.
			2006	7577
			2007	5554
Total physical import/export balance [2]	GWh	Σ	1997	n.a.
			2006	5619
			2007	6549
Consumption of pumps	GWh	Σ	1997	n.a.
			2006	179
			2007	233
National electrical consumption, calculated to represent 100% of the national values	GWh	Σ	1997	n.a.
			2006	16810
			2007	17380
Consumption load 3:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1997	n.a.
			2006	1664
			2007	1778
Consumption load 11:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1997	n.a.
			2006	2669
			2007	2713
Highest load on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1997	n.a.
			2006	2817
			2007	3036
Time of highest load on the 3rd Wednesday		CET	1997	n.a.
			2006	18:00
			2007	18:00
Power produced in parallel operation on the 3rd Wednesday at 11:00 a.m.	MW	max.	1997	n.a.
			2006	2123

[1] Before 2005, the information on renewable and not identifiable energy sources was collected in a different manner. Some countries added them to thermal conventional, some considered them as the part of not represented in the figures (through the factor "representativity").

I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
479	486	393	261	296	296	553	442	312	485	561	700
684	429	496	428	452	489	555	608	537	745	676	565
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
793	578	695	730	662	470	364	341	366	386	360	337
369	385	534	427	348	271	316	254	259	312	380	506
2	1	1	1	1	1	1	2	3	4	3	4
3	4	5	2	3	1	2	3	4	4	5	3
1	1	1	1	0	1	0	1	2	3	3	3
3	3	4	2	3	1	2	3	3	4	4	3
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
1274	1065	1089	992	959	767	918	785	681	875	924	1041
1056	818	1035	857	803	761	873	865	800	1061	1061	1074
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
1267	1222	1304	1185	991	1092	1047	993	839	1036	1088	1185
1143	1040	995	898	858	770	867	883	905	1043	1233	1262
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
824	783	796	872	661	556	518	408	419	570	556	614
617	432	534	463	321	278	360	296	352	623	694	584
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
427	431	490	304	334	534	520	593	420	467	526	573
520	611	463	437	537	572	632	589	551	420	538	679
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
19	11	13	7	20	7	15	17	12	18	19	21
21	23	13	14	21	10	20	21	25	15	29	21
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
1682	1485	1566	1289	1273	1294	1423	1361	1089	1324	1431	1593
1555	1406	1485	1280	1319	1323	1485	1433	1326	1466	1570	1732
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
1662	**1664**	1637	1305	1217	1375	1400	1261	1305	1305	1412	1615
1480	1509	1490	1296	1306	1439	1593	1400	1323	1406	1669	**1778**
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
2669	2576	2480	2129	1946	2019	2178	2031	2075	2101	2146	2557
2388	2298	2357	2004	2024	2308	2448	1871	2122	2183	2591	**2713**
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
2780	2800	2753	2287	2106	2319	2328	2273	2303	2441	2550	**2817**
2621	2549	2624	2302	2179	2446	2633	2109	2350	2562	2902	**3036**
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
18:00	19:00	20:00	21:00	22:00	13:00	22:00	21:00	20:00	20:00	18:00	**18:00**
18:00	19:00	20:00	21:00	22:00	13:00	13:00	22:00	21:00	20:00	18:00	**18:00**
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
2104	**2123**	1858	1831	1560	1442	1583	1422	1779	1832	1767	1927

[2] Terminology 2.15, see also note Physical energy exchange in interconnected operation

[3] including deliveries from industry

Physical exchanges in interconnected operation [1]

Croatia | GWh

MM_YY	HR→BA	HR→CS	HR→HU	HR→RS	HR→SI	UCTE_EXP	Total_EXP	BA→HR	CS→HR	HU→HR	RS→HR	SI→HR	UCTE_IMP	Total_IMP	HR_UCTE	HR_Total
	Export (-)							Import (+)							Balance	
I.97	n.a.	0	0		n.a.	n.a.	n.a.	n.a.	0	0		n.a.	n.a.	n.a.	n.a.	n.a.
II.97	n.a.	0	0		n.a.	n.a.	n.a.	n.a.	0	0		n.a.	n.a.	n.a.	n.a.	n.a.
III.97	n.a.	0	0		n.a.	n.a.	n.a.	n.a.	0	0		n.a.	n.a.	n.a.	n.a.	n.a.
IV.97	n.a.	0	0		n.a.	n.a.	n.a.	n.a.	0	0		n.a.	n.a.	n.a.	n.a.	n.a.
V.97	n.a.	0	0		n.a.	n.a.	n.a.	n.a.	0	0		n.a.	n.a.	n.a.	n.a.	n.a.
VI.97	n.a.	0	0		n.a.	n.a.	n.a.	n.a.	0	0		n.a.	n.a.	n.a.	n.a.	n.a.
VII.97	n.a.	0	0		n.a.	n.a.	n.a.	n.a.	16	0		n.a.	n.a.	n.a.	n.a.	n.a.
VIII.97	n.a.	0	0		n.a.	n.a.	n.a.	n.a.	12	0		n.a.	n.a.	n.a.	n.a.	n.a.
IX.97	n.a.	0	0		n.a.	n.a.	n.a.	n.a.	3	0		n.a.	n.a.	n.a.	n.a.	n.a.
X.97	n.a.	0	0		n.a.	n.a.	n.a.	n.a.	1	7		n.a.	n.a.	n.a.	n.a.	n.a.
XI.97	n.a.	0	0		n.a.	n.a.	n.a.	n.a.	0	38		n.a.	n.a.	n.a.	n.a.	n.a.
XII.97	n.a.	0	0		n.a.	n.a.	n.a.	n.a.	0	43		n.a.	n.a.	n.a.	n.a.	n.a.
1997	**n.a.**	**0**	**0**		**n.a.**	**n.a.**	**n.a.**	**n.a.**	**32**	**88**		**n.a.**	**n.a.**	**n.a.**	**n.a.**	**n.a.**
I.06	62	0	0		762	824	824	352	350	551		14	1267	1267	443	443
II.06	76	0	0		707	783	783	298	365	549		10	1222	1222	439	439
III.06	64	7	1		724	796	796	391	384	510		19	1304	1304	508	508
IV.06	64	9	0		799	872	872	395	319	454		17	1185	1185	313	313
V.06	51	8	0		602	661	661	352	206	330		103	991	991	330	330
VI.06	65	7	0		484	556	556	320	220	371		181	1092	1092	536	536
VII.06	25	0	0		493	518	518	361	182	365		139	1047	1047	529	529
VIII.06	41	0	0		367	408	408	259	198	327		209	993	993	585	585
IX.06	46	0	0		373	419	419	206	167	334		132	839	839	420	420
X.06	58	0	0		512	570	570	242	214	486		94	1036	1036	466	466
XI.06	53	0	0		503	556	556	234	192	583		79	1088	1088	532	532
XII.06	69	0	0		545	614	614	237	208	701		39	1185	1185	571	571
2006	**674**	**31**	**1**		**6871**	**7577**	**7577**	**3647**	**3005**	**5561**		**1036**	**13249**	**13249**	**5672**	**5672**
I.07	136		0	0	481	617	617	138		769	170	66	1143	1143	526	526
II.07	56		0	0	376	432	432	157		650	151	82	1040	1040	608	608
III.07	67		0	0	467	534	534	133		641	106	115	995	995	461	461
IV.07	82		0	0	381	463	463	95		500	118	185	898	898	435	435
V.07	112		0	0	209	321	321	103		432	149	174	858	858	537	537
VI.07	122		0	0	156	278	278	62		393	133	182	770	770	492	492
VII.07	141		0	0	219	360	360	75		398	111	283	867	867	507	507
VIII.07	172		0	0	124	296	296	66		384	89	344	883	883	587	587
IX.07	86		0	0	266	352	352	126		330	151	298	905	905	553	553
X.07	78		0	0	545	623	623	189		631	198	25	1043	1043	420	420
XI.07	54		0	0	640	694	694	317		675	206	35	1233	1233	539	539
XII.07	69		0	0	515	584	584	241		733	209	79	1262	1262	678	678
2007	**1175**		**0**	**0**	**4379**	**5554**	**5554**	**1702**		**6536**	**1791**	**1868**	**11897**	**11897**	**6343**	**6343**

[1] These physical energy flows were measured on the cross-frontier transmission lines (≥110 kV). These values may differ from the official statistics and the total physical balance in the table "Monthly values: Operation".

Physical exchanges in interconnected operation [1]

Hungary | GWh

MM_YY	HU→AT	HU→CS	HU→HR	HU→RO	HU→RS	HU→SK	HU→UA_W	UCTE_EXP	Total_EXP	AT→HU	CS→HU	HR→HU	RO→HU	RS→HU	SK→HU	UA_W→HU	UCTE_IMP	Total_IMP	HU_UCTE	HU_Total
	Export (-)									Import (+)									Balance	
I.97	108	98	0	n.a.		n.a.	n.a.	206	n.a.	10	0	0	n.a.		n.a.	n.a.	10	n.a.	-196	n.a.
II.97	77	74	0	n.a.		n.a.	n.a.	151	n.a.	15	0	0	n.a.		n.a.	n.a.	15	n.a.	-136	n.a.
III.97	70	0	0	n.a.		n.a.	n.a.	70	n.a.	26	0	0	n.a.		n.a.	n.a.	26	n.a.	-44	n.a.
IV.97	57	0	0	n.a.		n.a.	n.a.	57	n.a.	11	0	0	n.a.		n.a.	n.a.	11	n.a.	-46	n.a.
V.97	50	0	0	n.a.		n.a.	n.a.	50	n.a.	51	0	0	n.a.		n.a.	n.a.	51	n.a.	1	n.a.
VI.97	39	0	0	n.a.		n.a.	n.a.	39	n.a.	44	0	0	n.a.		n.a.	n.a.	44	n.a.	5	n.a.
VII.97	48	0	0	n.a.		n.a.	n.a.	48	n.a.	34	0	0	n.a.		n.a.	n.a.	34	n.a.	-14	n.a.
VIII.97	47	52	0	n.a.		n.a.	n.a.	99	n.a.	36	0	0	n.a.		n.a.	n.a.	36	n.a.	-63	n.a.
IX.97	71	0	0	n.a.		n.a.	n.a.	71	n.a.	19	0	0	n.a.		n.a.	n.a.	19	n.a.	-52	n.a.
X.97	77	3	7	n.a.		n.a.	n.a.	87	n.a.	19	0	0	n.a.		n.a.	n.a.	19	n.a.	-68	n.a.
XI.97	46	86	38	n.a.		n.a.	n.a.	170	n.a.	36	0	0	n.a.		n.a.	n.a.	36	n.a.	-134	n.a.
XII.97	69	143	43	n.a.		n.a.	n.a.	255	n.a.	23	0	0	n.a.		n.a.	n.a.	23	n.a.	-232	n.a.
1997	**759**	**456**	**88**	**n.a.**		**n.a.**	**n.a.**	**1303**	**n.a.**	**324**	**0**	**0**	**n.a.**		**n.a.**	**n.a.**	**324**	**n.a.**	**-979**	**n.a.**
I.06	196	141	551	1		0	0	889	889	2	0	0	155		813	498	970	1468	81	579
II.06	138	114	549	0		0	0	801	801	3	1	0	152		739	447	895	1342	94	541
III.06	123	79	510	0		0	0	712	712	11	2	1	204		699	426	917	1343	205	631
IV.06	106	35	454	0		0	2	595	597	43	12	0	145		615	380	815	1195	220	598
V.06	112	68	330	4		0	2	514	516	25	10	0	164		604	413	803	1216	289	700
VI.06	62	86	371	1		0	3	520	523	49	11	0	135		650	347	845	1192	325	669
VII.06	12	69	365	0		0	4	446	450	37	13	0	137		586	181	773	954	327	504
VIII.06	181	133	327	0		0	0	641	641	26	0	0	138		696	344	860	1204	219	563
IX.06	58	127	334	2		0	0	521	521	51	4	0	94		554	470	703	1173	182	652
X.06	39	139	486	11		0	0	675	675	47	0	0	59		759	475	865	1340	190	665
XI.06	6	213	583	6		0	2	808	810	125	0	0	29		824	425	978	1403	170	593
XII.06	29	316	701	4		0	0	1050	1050	46	0	0	25		1053	445	1124	1569	74	519
2006	**1062**	**1520**	**5561**	**29**		**0**	**13**	**8172**	**8185**	**465**	**53**	**1**	**1437**		**8592**	**4851**	**10548**	**15399**	**2376**	**7214**
I.07	20		769	49	423	0	6	1261	1267	104		0	5	0	1010	361	1119	1480	-142	213
II.07	30		650	24	384	0	0	1088	1088	91		0	2	0	897	370	990	1360	-98	272
III.07	27		641	61	218	0	32	947	979	76		0	0	0	985	318	1061	1379	114	400
IV.07	17		500	70	113	0	2	700	702	88		0	3	0	597	414	688	1102	-12	400
V.07	77		432	23	189	0	3	721	724	63		0	29	0	812	216	904	1120	183	396
VI.07	5		393	7	155	0	2	560	562	132		0	46	0	637	257	815	1072	255	510
VII.07	1		398	5	320	0	5	724	729	243		0	15	0	724	330	982	1312	258	583
VIII.07	4		384	75	330	0	8	793	801	160		0	2	0	700	324	862	1186	69	385
IX.07	5		330	18	278	0	14	631	645	186		0	26	0	610	308	822	1130	191	485
X.07	14		631	24	311	0	12	980	992	127		0	35	0	671	362	833	1195	-147	203
XI.07	18		675	6	320	0	7	1019	1026	101		0	54	0	635	335	790	1125	-229	99
XII.07	25		733	18	389	0	16	1165	1181	86		0	33	0	780	320	899	1219	-266	38
2007	**243**		**6536**	**380**	**3430**	**0**	**107**	**10589**	**10696**	**1457**		**0**	**250**	**0**	**9058**	**3915**	**10765**	**14680**	**176**	**3984**

[1] These physical energy flows were measured on the cross-frontier transmission lines (≥110 kV). These values may differ from the official statistics and the total physical balance in the table "Monthly values: Operation".

Hungary

Monthly values / Operation

				I-XII
Thermal nuclear net production	GWh	Σ	1997	n.a.
			2006	12653
			2007	13796
Thermal conventional net production	GWh	Σ	1997	n.a.
			2006	18745
			2007	21811
Hydraulic net production	GWh	Σ	1997	n.a.
			2006	181
			2007	209
Other renewable net production [1]	GWh	Σ	2006	1169
			2007	1485
- of which wind	GWh	Σ	2006	41
			2007	110
Not clearly identifiable net production [1]	GWh	Σ	2006	673
			2007	0
Total net electrical energy production, calculated to represent 100% of the national values	GWh	Σ	1997	n.a.
			2006 [3]	33421
			2007 [3]	37301
Physical import	GWh	Σ	1997	n.a.
			2006	15399
			2007	14680
Physical export	GWh	Σ	1997	n.a.
			2006	8185
			2007	10696
Total physical import/export balance [2]	GWh	Σ	1997	n.a.
			2006	7208
			2007	3988
Consumption of pumps	GWh	Σ	1997	n.a.
			2006	0
			2007	0
National electrical consumption, calculated to represent 100% of the national values	GWh	Σ	1997	n.a.
			2006	40629
			2007	41289
Consumption load 3:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1997	n.a.
			2006	4767
			2007	4700
Consumption load 11:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1997	n.a.
			2006	5871
			2007	6019
Highest load on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1997	n.a.
			2006	6271
			2007	6540
Time of highest load on the 3rd Wednesday		CET	1997	n.a.
			2006	16:00
			2007	18:00
Power produced in parallel operation on the 3rd Wednesday at 11:00 a.m.	MW	max.	1997	n.a.
			2006	5092

[1] Before 2005, the information on renewable and not identifiable energy sources was collected in a different manner. Some countries added them to thermal conventional, some considered them as the part of not represented in the figures (through the factor "representativity").

I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
1303	1074	936	944	960	941	1248	1290	961	1016	967	1013
1342	1205	977	952	1011	1075	1011	1177	1013	1331	1327	1375
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
1653	1566	1841	1451	1436	1484	1461	1190	1444	1580	1788	1851
1957	1692	1993	1730	1756	1634	1747	1661	1653	1872	1998	2118
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
14	13	22	21	22	21	18	17	3	9	11	10
12	4	9	26	25	20	18	12	22	22	21	18
96	81	98	105	102	97	113	121	100	69	85	102
112	119	111	99	123	124	142	130	113	130	139	143
3	3	4	3	3	2	1	3	3	4	7	5
10	7	10	6	9	5	11	7	11	8	17	9
68	75	41	31	31	42	27	29	53	92	97	87
0	0	0	0	0	0	0	0	0	0	0	0
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
3134	2809	2938	2552	2551	2585	2867	2647	2561	2766	2948	3063
3423	3020	3090	2807	2915	2853	2918	2980	2801	3355	3485	3654
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
1468	1342	1343	1195	1216	1192	954	1204	1173	1340	1403	1569
1480	1360	1379	1102	1120	1072	1312	1186	1130	1195	1125	1219
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	0	n.a.	n.a.	n.a.
889	801	712	597	516	523	450	641	521	675	810	1050
1267	1088	979	702	724	562	729	801	645	992	1026	1181
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
579	540	630	597	699	669	503	563	651	664	593	520
214	271	401	400	397	511	583	385	487	203	98	38
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
3713	3349	3568	3149	3250	3254	3370	3210	3212	3430	3541	3583
3637	3291	3491	3207	3312	3364	3501	3365	3288	3558	3583	3692
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
4767	4750	4474	4018	4054	4287	4114	3948	3997	4348	4519	4621
4576	4588	4472	4146	4105	4451	4523	4139	4090	4435	4543	**4700**
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
5871	5755	4725	5138	5251	5593	5429	5024	5246	5484	5553	5543
5710	5714	5497	5303	5144	5781	5976	5470	5347	5593	5746	**6019**
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
6271	6131	5163	5339	5379	5817	5669	5299	5505	5972	6120	6180
6105	6051	5893	5532	5367	6116	6174	5690	5699	6096	6460	**6540**
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
16:00	16:00	20:00	21:00	16:00	16:00	17:00	16:00	21:00	20:00	18:00	18:00
18:00	20:00	16:00	21:00	22:00	16:00	16:00	18:00	21:00	20:00	18:00	**18:00**
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
5092	4628	4372	3924	3987	4331	4691	4077	4213	4338	4496	4578

[2] Terminology 2.15, see also note Physical energy exchange in interconnected operation

[3] including deliveries from industry

Italy

Monthly values / Operation

				I-XII
Thermal nuclear net production	GWh	Σ	1997	0
			2006	0
			2007	0
Thermal conventional net production	GWh	Σ	1997	193507
			2006	250685
			2007	253866
Hydraulic net production	GWh	Σ	1997	46368
			2006	42450
			2007	37961
Other renewable net production [1]	GWh	Σ	2006	8402
			2007	9602
- of which wind	GWh	Σ	2006	3153
			2007	4034
Not clearly identifiable net production [1]	GWh	Σ	2006	0
			2007	0
Total net electrical energy production, calculated to represent 100% of the national values	GWh	Σ	1997	239875
			2006 [3]	301537
			2007	301429
Physical import	GWh	Σ	1997	39854
			2006	46525
			2007	48799
Physical export	GWh	Σ	1997	966
			2006	1618
			2007	2646
Total physical import/export balance [2]	GWh	Σ	1997	38832
			2006	44907
			2007	46153
Consumption of pumps	GWh	Σ	1997	6707
			2006	8648
			2007	7654
National electrical consumption, calculated to represent 100% of the national values	GWh	Σ	1997	272000
			2006	337796
			2007	339928
Consumption load 3:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1997	24381
			2006	33930
			2007	35086
Consumption load 11:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1997	42109
			2006	53165
			2007	55883
Highest load on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1997	44286
			2006	53816
			2007	55883
Time of highest load on the 3rd Wednesday		CET	1997	17:00
			2006	18:00
			2007	11:00
Power produced in parallel operation on the 3rd Wednesday at 11:00 a.m.	MW	max.	1997	36478
			2006	49072

[1] Before 2005, the information on renewable and not identifiable energy sources was collected in a different manner. Some countries added them to thermal conventional, some considered them as the part of not represented in the figures (through the factor "representativity").

I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
16095	15831	16288	16249	15444	14812	15883	13328	16704	18260	17517	17096
24386	22287	23057	17372	18647	20150	23106	18053	20799	20328	21264	21236
22073	20096	21475	18507	20694	20165	22730	18905	21142	22453	23006	22620
4323	3285	3281	3216	4117	4977	5576	4179	3964	2811	3224	3415
3220	2974	3237	3356	4570	4191	4720	3716	3491	3382	2802	2791
2691	2682	2660	2973	3663	4850	4592	3533	2994	2651	2431	2241
668	699	795	688	662	622	609	798	798	697	657	709
857	829	890	645	787	697	721	795	781	763	898	939
219	301	357	272	256	201	183	360	270	259	220	255
387	392	409	181	309	246	266	327	335	286	435	461
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
20418	19116	19569	19465	19561	19789	21459	17507	20668	21071	20741	20511
28274	25960	27089	21416	23879	24963	28435	22567	25088	24407	24723	24736
25621	23607	25025	22125	25144	25712	28043	23233	24917	25867	26335	25800
3261	3055	3434	3359	3588	3402	3422	2302	3396	3591	3402	3642
2414	2399	3354	4765	4381	4197	3949	3046	3977	4955	4574	4514
4573	4234	4869	4727	4067	4075	4313	3212	3779	4015	3221	3714
69	93	98	87	70	67	55	111	49	73	97	97
278	234	200	39	44	53	98	110	85	111	149	217
213	198	168	136	273	268	316	251	163	171	225	264
3195	2961	3338	3235	3517	3343	3370	2165	3347	3519	3305	3537
2136	2165	3154	4726	4337	4144	3851	2936	3892	4844	4425	4297
4360	4036	4701	4591	3794	3807	3997	2961	3615	3845	2996	3450
499	469	418	682	510	535	683	436	561	619	634	661
818	689	736	737	741	680	732	636	704	718	714	743
747	592	619	637	644	578	631	500	563	618	766	759
23114	21608	22489	22018	22568	22597	24146	19236	23454	23971	23412	23387
29592	27436	29507	25405	27475	28427	31554	24867	28276	28533	28434	28290
29234	27051	29107	26079	28294	28941	31409	25694	27969	29094	28565	28491
22615	23117	22139	22786	22684	24265	**24381**	18186	23344	22299	22770	23920
30078	31111	30182	28299	29356	32794	**33930**	21983	30173	29619	30373	30653
30506	30569	29977	29872	30181	33394	**35086**	23904	31725	30076	31186	31816
39297	39479	37499	37789	37688	40075	39835	27147	37829	37143	40885	**42109**
52687	52434	49616	46652	46176	52893	**53165**	31403	48092	46766	49260	50227
51055	50608	49466	46914	47332	53964	**55883**	28245	49238	48010	51832	52159
40710	40168	37777	38556	37787	40075	39835	28887	37954	37540	42572	**44286**
53816	53231	50090	46652	46176	52893	53165	33411	48092	47586	51973	53631
52602	50834	50359	47089	47470	53964	**55883**	32026	49238	48962	55216	55196
18:00	09:00	10:00	10:00	10:00	11:00	11:00	12:00	10:00	09:00	17:00	**17:00**
18:00	18:00	10:00	11:00	11:00	11:00	11:00	21:00	11:00	19:00	18:00	17:00
18:00	19:00	19:00	10:00	10:00	11:00	**11:00**	21:00	11:00	19:00	17:00	17:00
34292	33756	31164	32158	31505	34259	33909	23384	32525	31550	35045	**36478**
47280	45555	45711	38613	39168	45742	**49072**	28805	41089	40049	43837	46526

[2] Terminology 2.15, see also note Physical energy exchange in interconnected operation

[3] including deliveries from industry

Physical exchanges in interconnected operation [1]

Italy | **GWh**

MM_YY	IT→AT	IT→CH	IT→FR	IT→GR	IT→SI	UCTE_EXP	Total_EXP	AT→IT	CH→IT	FR→IT	GR→IT	SI→IT	UCTE_IMP	Total_IMP	IT_UCTE	IT_Total
	Export (-)							Import (+)							Balance	
I.97	0	0	27	0	42	69	69	123	1467	1551	0	120	3261	3261	3192	3192
II.97	0	0	30	0	63	93	93	114	1406	1475	0	60	3055	3055	2962	2962
III.97	0	1	35	0	62	98	98	121	1714	1539	0	60	3434	3434	3336	3336
IV.97	0	0	32	0	55	87	87	141	1669	1498	0	51	3359	3359	3272	3272
V.97	0	1	34	0	35	70	70	164	1919	1435	0	70	3588	3588	3518	3518
VI.97	0	3	37	0	27	67	67	147	1772	1362	0	121	3402	3402	3335	3335
VII.97	0	2	35	0	18	55	55	160	1805	1301	0	156	3422	3422	3367	3367
VIII.97	0	3	36	0	72	111	111	121	1334	817	0	30	2302	2302	2191	2191
IX.97	0	0	18	0	31	49	49	145	1739	1408	0	104	3396	3396	3347	3347
X.97	0	0	16	0	57	73	73	137	1901	1511	0	42	3591	3591	3518	3518
XI.97	0	8	29	0	60	97	97	119	1555	1653	0	75	3402	3402	3305	3305
XII.97	0	0	31	0	66	97	97	115	1667	1763	0	97	3642	3642	3545	3545
1997	**0**	**18**	**360**	**0**	**588**	**966**	**966**	**1607**	**19948**	**17313**	**0**	**986**	**39854**	**39854**	**38888**	**38888**
I.06	2	149	122	4	1	278	278	75	1058	694	169	418	2414	2414	2136	2136
II.06	1	129	103	0	1	234	234	89	1089	694	50	477	2399	2399	2165	2165
III.06	0	98	100	0	2	200	200	112	1412	1042	222	566	3354	3354	3154	3154
IV.06	0	0	36	3	0	39	39	113	2164	1614	173	701	4765	4765	4726	4726
V.06	0	2	42	0	0	44	44	140	2062	1439	149	591	4381	4381	4337	4337
VI.06	0	5	44	4	0	53	53	113	2179	1366	19	520	4197	4197	4144	4144
VII.06	0	29	54	14	1	98	98	131	2118	1249	7	444	3949	3949	3851	3851
VIII.06	0	2	32	75	1	110	110	137	1756	860	4	289	3046	3046	2936	2936
IX.06	0	1	32	48	4	85	85	114	2230	1395	34	204	3977	3977	3892	3892
X.06	0	5	36	69	1	111	111	133	2738	1619	50	415	4955	4955	4844	4844
XI.06	0	1	47	100	1	149	149	124	2472	1546	40	392	4574	4574	4425	4425
XII.06	0	1	78	138	0	217	217	134	2607	1373	28	372	4514	4514	4297	4297
2006	**3**	**422**	**726**	**455**	**12**	**1618**	**1618**	**1415**	**23885**	**14891**	**945**	**5389**	**46525**	**46525**	**44907**	**44907**
I.07	0	0	87	125	1	213	213	121	2799	1296	0	357	4573	4573	4360	4360
II.07	0	0	68	129	1	198	198	109	2526	1330	1	268	4234	4234	4036	4036
III.07	0	1	70	97	0	168	168	125	2832	1472	5	435	4869	4869	4701	4701
IV.07	0	0	58	77	1	136	136	118	2766	1425	19	399	4727	4727	4591	4591
V.07	0	0	64	140	69	273	273	129	2501	1347	5	85	4067	4067	3794	3794
VI.07	0	8	41	105	114	268	268	111	2464	1471	2	27	4075	4075	3807	3807
VII.07	0	1	106	197	12	316	316	139	2585	1395	0	194	4313	4313	3997	3997
VIII.07	0	2	126	45	78	251	251	98	1927	1142	0	45	3212	3212	2961	2961
IX.07	0	1	72	85	5	163	163	128	2257	1135	47	212	3779	3779	3616	3616
X.07	0	5	62	99	5	171	171	124	2336	1236	16	303	4015	4015	3844	3844
XI.07	0	28	184	13	0	225	225	77	1724	905	32	483	3221	3221	2996	2996
XII.07	0	20	216	19	9	264	264	126	2142	978	43	425	3714	3714	3450	3450
2007	**0**	**66**	**1154**	**1131**	**295**	**2646**	**2646**	**1405**	**28859**	**15132**	**170**	**3233**	**48799**	**48799**	**46153**	**46153**

[1] These physical energy flows were measured on the cross-frontier transmission lines (≥110 kV). These values may differ from the official statistics and the total physical balance in the table "Monthly values: Operation".

Physical exchanges in interconnected operation [1]

Luxembourg | GWh

MM_YY	LU→BE	LU→DE	UCTE_EXP	Total_EXP	BE→LU	DE→LU	UCTE_IMP	Total_IMP	LU_UCTE	LU_Total
	Export (-)				Import (+)				Balance	
I.97	0	65	65	65	126	394	520	520	455	455
II.97	0	56	56	56	119	332	451	451	395	395
III.97	0	63	63	63	135	354	489	489	426	426
IV.97	0	65	65	65	128	349	477	477	412	412
V.97	0	71	71	71	127	341	468	468	397	397
VI.97	0	76	76	76	129	342	471	471	395	395
VII.97	0	71	71	71	126	345	471	471	400	400
VIII.97	0	75	75	75	116	318	434	434	359	359
IX.97	0	82	82	82	148	344	492	492	410	410
X.97	0	81	81	81	175	373	548	548	467	467
XI.97	0	74	74	74	174	362	536	536	462	462
XII.97	0	69	69	69	170	356	526	526	457	457
1997	**0**	**848**	**848**	**848**	**1673**	**4210**	**5883**	**5883**	**5035**	**5035**
I.06	222	69	291	291	147	466	613	613	322	322
II.06	130	61	191	191	127	416	543	543	352	352
III.06	227	64	291	291	147	442	589	589	298	298
IV.06	201	67	268	268	139	406	545	545	277	277
V.06	223	76	299	299	162	426	588	588	289	289
VI.06	239	72	311	311	161	416	577	577	266	266
VII.06	226	67	293	293	179	440	619	619	326	326
VIII.06	192	60	252	252	85	392	477	477	225	225
IX.06	202	65	267	267	132	422	554	554	287	287
X.06	186	72	258	258	146	447	593	593	335	335
XI.06	208	64	272	272	143	434	577	577	305	305
XII.06	226	67	293	293	129	427	556	556	263	263
2006	**2482**	**804**	**3286**	**3286**	**1697**	**5134**	**6831**	**6831**	**3545**	**3545**
I.07	216	80	296	296	150	457	607	607	311	311
II.07	185	64	249	249	129	409	538	538	289	289
III.07	206	71	277	277	155	449	604	604	327	327
IV.07	96	66	162	162	141	418	559	559	397	397
V.07	168	74	242	242	126	443	569	569	327	327
VI.07	179	60	239	239	140	422	562	562	323	323
VII.07	162	62	224	224	140	424	564	564	340	340
VIII.07	133	64	197	197	112	405	517	517	320	320
IX.07	139	66	205	205	117	433	550	550	345	345
X.07	190	66	256	256	150	465	615	615	359	359
XI.07	191	66	257	257	143	447	590	590	333	333
XII.07	219	63	282	282	127	443	570	570	288	288
2007	**2084**	**802**	**2886**	**2886**	**1630**	**5215**	**6845**	**6845**	**3959**	**3959**

[1] These physical energy flows were measured on the cross-frontier transmission lines (≥110 kV). These values may differ from the official statistics and the total physical balance in the table "Monthly values: Operation".

Luxembourg

Monthly values / Operation

				I-XII
Thermal nuclear net production	GWh	Σ	1997	0
			2006	0
			2007	0
Thermal conventional net production	GWh	Σ	1997	298
			2006	3195
			2007	2885
Hydraulic net production	GWh	Σ	1997	942
			2006	892
			2007	904
Other renewable net production [1]	GWh	Σ	2006	122
			2007	151
- of which wind	GWh	Σ	2006	60
			2007	67
Not clearly identifiable net production [1]	GWh	Σ	2006	0
			2007	0
Total net electrical energy production, calculated to represent 100% of the national values	GWh	Σ	1997	1267
			2006	4209
			2007	3940
Physical import	GWh	Σ	1997	5883
			2006	6831
			2007	6845
Physical export	GWh	Σ	1997	848
			2006	3286
			2007	2886
Total physical import/export balance [2]	GWh	Σ	1997	5172
			2006	3546
			2007	3958
Consumption of pumps	GWh	Σ	1997	1188
			2006	1139
			2007	1121
National electrical consumption, calculated to represent 100% of the national values	GWh	Σ	1997	5251
			2006	6616
			2007	6777
Consumption load 3:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1997	663
			2006	786
			2007	812
Consumption load 11:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1997	760
			2006	936
			2007	952
Highest load on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1997	821
			2006	972
			2007	1022
Time of highest load on the 3rd Wednesday		CET	1997	20:00
			2006	19:00
			2007	18:00
Power produced in parallel operation on the 3rd Wednesday at 11:00 a.m.	MW	max.	1997	779
			2006	945

[1] Before 2005, the information on renewable and not identifiable energy sources was collected in a different manner. Some countries added them to thermal conventional, some considered them as the part of not represented in the figures (through the factor "representativity").

I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
34	31	33	34	31	30	30	25	8	12	14	16
303	186	293	271	267	268	251	239	270	257	285	305
297	256	283	161	249	239	217	171	188	254	276	294
74	67	75	70	79	85	79	78	84	85	83	83
77	68	73	76	86	78	69	65	70	78	73	79
97	77	86	74	80	65	69	70	70	69	72	75
9	10	12	9	12	7	7	9	9	11	13	14
17	12	15	12	14	9	14	12	10	10	12	14
4	5	7	4	6	3	3	4	3	6	7	8
11	6	7	3	6	4	6	4	3	3	6	8
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
111	100	111	107	112	117	111	105	94	99	99	101
389	264	378	356	365	353	327	313	349	346	371	398
411	345	384	247	343	313	300	253	268	333	360	383
520	451	489	477	468	471	471	434	492	548	536	526
613	543	589	545	588	577	619	477	554	593	577	556
607	538	604	559	569	562	564	517	550	615	590	570
65	56	63	65	71	76	71	75	82	81	74	69
291	191	291	268	299	311	293	252	267	258	272	293
296	249	277	162	242	239	224	197	205	256	257	282
456	396	425	418	404	400	408	385	435	490	479	476
322	352	298	277	289	267	326	225	287	335	305	263
311	289	326	397	327	323	340	320	345	359	333	288
96	79	92	91	97	105	99	107	109	111	105	97
100	86	93	95	104	100	96	85	92	102	93	93
112	90	100	93	102	83	85	90	91	94	92	89
471	417	444	434	419	412	420	383	420	478	473	480
611	530	583	538	550	520	557	453	544	579	583	568
610	544	610	551	568	553	555	483	522	598	601	582
663	568	598	596	554	513	548	429	608	638	648	582
786	644	656	670	638	695	713	375	672	753	758	741
791	716	**812**	745	752	693	772	522	679	763	748	755
724	673	**760**	729	664	654	748	672	758	693	676	703
869	779	907	826	923	876	829	630	778	**936**	900	908
952	903	896	893	809	849	839	600	932	889	907	845
751	705	775	729	718	695	774	680	758	805	**821**	779
972	927	920	857	939	896	865	664	797	951	916	921
991	934	912	941	830	949	865	634	946	952	**1022**	878
20:00	12:00	12:00	11:00	13:00	16:00	12:00	12:00	11:00	20:00	**20:00**	20:00
19:00	19:00	09:00	12:00	12:00	13:00	12:00	13:00	12:00	20:00	19:00	18:00
12:00	20:00	12:00	16:00	12:00	14:00	15:00	22:00	12:00	19:00	**18:00**	19:00
735	689	**779**	744	681	670	755	685	767	705	693	714
865	773	899	823	917	876	830	627	835	**945**	910	912

[2] Terminology 2.15, see also note Physical energy exchange in interconnected operation

Montenegro

Monthly values / Operation

				I-XII
Thermal nuclear net production	GWh	Σ	1997 [3] 2006 [3] 2007	 0
Thermal conventional net production	GWh	Σ	1997 [3] 2006 [3] 2007	 765
Hydraulic net production	GWh	Σ	1997 [3] 2006 [3] 2007	 1292
Other renewable net production [1]	GWh	Σ	2006 [3] 2007	 4
- of which wind	GWh	Σ	2006 [3] 2007	 0
Not clearly identifiable net production [1]	GWh	Σ	2006 [3] 2007	 0
Total net electrical energy production, calculated to represent 100% of the national values	GWh	Σ	1997 [3] 2006 [3] 2007	 2061
Physical import	GWh	Σ	1997 [3] 2006 [3] 2007	 3893
Physical export	GWh	Σ	1997 [3] 2006 [3] 2007	 1243
Total physical import/export balance [2]	GWh	Σ	1997 [3] 2006 [3] 2007	 2593
Consumption of pumps	GWh	Σ	1997 [3] 2006 [3] 2007	 0
National electrical consumption, calculated to represent 100% of the national values	GWh	Σ	1997 [3] 2006 [3] 2007	 4654
Consumption load 3:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1997 [3] 2006 [3] 2007	 551
Consumption load 11:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1997 [3] 2006 [3] 2007	 645
Highest load on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1997 [3] 2006 [3] 2007	 695
Time of highest load on the 3rd Wednesday		CET	1997 [3] 2006 [3] 2007	 19:00
Power produced in parallel operation on the 3rd Wednesday at 11:00 a.m.	MW	max.	1997 [3] 2006 [3]	

[1] Before 2005, the information on renewable and not identifiable energy sources was collected in a different manner. Some countries added them to thermal conventional, some considered them as the part of not represented in the figures (through the factor "representativity").

I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
0	0	0	0	0	0	0	0	0	0	0	0
59	107	119	79	49	0	0	0	37	111	93	111
74	197	174	131	75	35	61	82	38	62	168	195
2	2	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
135	306	293	210	124	35	61	82	75	173	261	306
364	256	276	253	289	362	404	428	361	298	283	319
73	150	168	116	59	46	76	125	87	85	116	142
297	106	106	138	220	316	325	303	270	195	157	160
0	0	0	0	0	0	0	0	0	0	0	0
432	412	399	348	344	351	386	385	345	368	418	466
500	462	423	403	383	406	431	426	396	408	492	**551**
603	526	492	494	472	513	544	521	495	508	587	**645**
644	598	612	557	523	564	591	601	543	580	654	**695**
19:00	19:00	20:00	21:00	22:00	22:00	21:00	21:00	21:00	21:00	19:00	**19:00**

[2] Terminology 2.15, see also note Physical energy exchange in interconnected operation

[3] Values 1997 and 2006 as values of Serbia&Montenegro

Physical exchanges in interconnected operation [1]

Montenegro | GWh

MM_YY	ME→BA	ME→RS	ME→AL	UCTE_EXP	Total_EXP	BA→ME	RS→ME	AL→ME	UCTE_IMP	Total_IMP	ME_UCTE	ME_Total
	Export (-)					Import (+)					Balance	
I.97												
II.97												
III.97												
IV.97												
V.97												
VI.97												
VII.97												
VIII.97												
IX.97												
X.97												
XI.97												
XII.97												
1997												
I.06												
II.06												
III.06												
IV.06												
V.06												
VI.06												
VII.06												
VIII.06												
IX.06												
X.06												
XI.06												
XII.06												
2006												
I.07	5	27	41	32	73	177	186	1	363	364	331	291
II.07	22	32	96	54	150	148	108	0	256	256	202	106
III.07	18	38	112	56	168	191	85	0	276	276	220	108
IV.07	19	21	76	40	116	146	107	0	253	253	213	137
V.07	20	6	33	26	59	124	165	0	289	289	263	230
VI.07	4	4	38	8	46	187	175	0	362	362	354	316
VII.07	6	6	64	12	76	244	160	0	404	404	392	328
VIII.07	1	32	92	33	125	303	125	0	428	428	395	303
IX.07	2	20	65	22	87	237	124	0	361	361	339	274
X.07	7	21	57	28	85	176	122	0	298	298	270	213
XI.07	28	18	70	46	116	143	139	1	282	283	236	167
XII.07	31	28	83	59	142	200	119	0	319	319	260	177
2007	**163**	**253**	**827**	**416**	**1243**	**2276**	**1615**	**2**	**3891**	**3893**	**3475**	**2650**

[1] These physical energy flows were measured on the cross-frontier transmission lines (≥110 kV). These values may differ from the official statistics and the total physical balance in the table "Monthly values: Operation".

Physical exchanges in interconnected operation [1]

FYROM | GWh

MM_YY	MK→BG	MK→CS	MK→GR	MK→RS	UCTE_EXP	Total_EXP	BG→MK	CS→MK	GR→MK	RS→MK	UCTE_IMP	Total_IMP	MK_UCTE	MK_Total
	Export (-)						Import (+)						Balance	
I.97	n.a.	n.a.	42		n.a.	n.a.	n.a.	n.a.	7		n.a.	n.a.	n.a.	n.a.
II.97	n.a.	n.a.	46		n.a.	n.a.	n.a.	n.a.	7		n.a.	n.a.	n.a.	n.a.
III.97	n.a.	n.a.	96		n.a.	n.a.	n.a.	n.a.	5		n.a.	n.a.	n.a.	n.a.
IV.97	n.a.	n.a.	164		n.a.	n.a.	n.a.	n.a.	0		n.a.	n.a.	n.a.	n.a.
V.97	n.a.	n.a.	169		n.a.	n.a.	n.a.	n.a.	0		n.a.	n.a.	n.a.	n.a.
VI.97	n.a.	n.a.	172		n.a.	n.a.	n.a.	n.a.	0		n.a.	n.a.	n.a.	n.a.
VII.97	n.a.	n.a.	156		n.a.	n.a.	n.a.	n.a.	0		n.a.	n.a.	n.a.	n.a.
VIII.97	n.a.	n.a.	148		n.a.	n.a.	n.a.	n.a.	1		n.a.	n.a.	n.a.	n.a.
IX.97	n.a.	n.a.	133		n.a.	n.a.	n.a.	n.a.	0		n.a.	n.a.	n.a.	n.a.
X.97	n.a.	n.a.	100		n.a.	n.a.	n.a.	n.a.	3		n.a.	n.a.	n.a.	n.a.
XI.97	n.a.	n.a.	68		n.a.	n.a.	n.a.	n.a.	2		n.a.	n.a.	n.a.	n.a.
XII.97	n.a.	n.a.	67		n.a.	n.a.	n.a.	n.a.	2		n.a.	n.a.	n.a.	n.a.
1997	**n.a.**	**n.a.**	**1361**		**n.a.**	**n.a.**	**n.a.**	**n.a.**	**27**		**n.a.**	**n.a.**	**n.a.**	**n.a.**
I.06	0	0	56		56	56	78	203	1		282	282	226	226
II.06	0	0	58		58	58	73	208	1		282	282	224	224
III.06	0	0	117		117	117	68	210	0		278	278	161	161
IV.06	0	0	127		127	127	65	171	0		236	236	109	109
V.06	0	0	119		119	119	46	198	0		244	244	125	125
VI.06	0	0	109		109	109	92	151	1		244	244	135	135
VII.06	0	0	181		181	181	69	178	0		247	247	66	66
VIII.06	0	0	110		110	110	78	166	0		244	244	134	134
IX.06	0	0	80		80	80	72	175	1		248	248	168	168
X.06	0	0	79		79	79	71	85	8		164	164	85	85
XI.06	0	0	101		101	101	72	191	0		263	263	162	162
XII.06	0	0	65		65	65	76	190	0		266	266	201	201
2006	**0**	**0**	**1202**		**1202**	**1202**	**860**	**2126**	**12**		**2998**	**2998**	**1796**	**1796**
I.07	0		34	0	34	34	50		15	107	172	172	138	138
II.07	0		70	0	70	70	57		3	152	212	212	142	142
III.07	0		126	0	126	126	78		0	236	314	314	188	188
IV.07	0		80	0	80	80	70		0	162	232	232	152	152
V.07	0		73	1	74	74	47		0	220	267	267	193	193
VI.07	0		83	0	83	83	78		0	301	379	379	296	296
VII.07	0		115	0	115	115	68		0	260	328	328	213	213
VIII.07	0		118	0	118	118	70		1	264	335	335	217	217
IX.07	0		46	0	46	46	74		21	148	243	243	197	197
X.07	0		51	0	51	51	66		30	158	254	254	203	203
XI.07	0		32	0	32	32	70		25	202	297	297	265	265
XII.07	0		76	0	76	76	81		16	258	355	355	279	279
2007	**0**		**904**	**1**	**905**	**905**	**809**		**111**	**2468**	**3388**	**3388**	**2483**	**2483**

[1] These physical energy flows were measured on the cross-frontier transmission lines (≥110 kV). These values may differ from the official statistics and the total physical balance in the table "Monthly values: Operation".

FYROM

Monthly values / Operation

				I-XII
Thermal nuclear net production	GWh	Σ	1997	n.a.
			2006	0
			2007	0
Thermal conventional net production	GWh	Σ	1997	n.a.
			2006	4940
			2007	5016
Hydraulic net production	GWh	Σ	1997	n.a.
			2006	1624
			2007	1054
Other renewable net production [1]	GWh	Σ	2006	0
			2007	0
- of which wind	GWh	Σ	2006	0
			2007	0
Not clearly identifiable net production [1]	GWh	Σ	2006	0
			2007	0
Total net electrical energy production, calculated to represent 100% of the national values	GWh	Σ	1997	n.a.
			2006	6564
			2007	6070
Physical import	GWh	Σ	1997	n.a.
			2006	2998
			2007	3388
Physical export	GWh	Σ	1997	n.a.
			2006	1202
			2007	905
Total physical import/export balance [2]	GWh	Σ	1997	n.a.
			2006	1813
			2007	2496
Consumption of pumps	GWh	Σ	1997	n.a.
			2006	0
			2007	0
National electrical consumption, calculated to represent 100% of the national values	GWh	Σ	1997	n.a.
			2006	8377
			2007	8566
Consumption load 3:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1997	n.a.
			2006	1088
			2007	1080
Consumption load 11:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1997	n.a.
			2006	1415
			2007	1386
Highest load on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1997	n.a.
			2006	1520
			2007	1556
Time of highest load on the 3rd Wednesday		CET	1997	n.a.
			2006	18:00
			2007	18:00
Power produced in parallel operation on the 3rd Wednesday at 11:00 a.m.	MW	max.	1997	n.a.
			2006	1119

[1] Before 2005, the information on renewable and not identifiable energy sources was collected in a different manner. Some countries added them to thermal conventional, some considered them as the part of not represented in the figures (through the factor "representativity").

I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
514	451	462	347	283	286	391	359	330	445	482	590
586	509	495	410	326	207	352	356	305	447	486	537
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
203	146	174	174	188	142	121	90	71	112	107	96
106	81	94	102	64	85	69	52	91	60	93	157
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
717	597	636	521	471	428	512	449	401	557	589	686
692	590	589	512	390	292	421	408	396	507	579	694
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
282	282	278	236	244	244	247	244	248	164	263	266
172	212	314	232	267	379	328	335	243	254	297	355
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
56	58	117	127	119	109	181	110	80	79	101	65
34	70	126	80	74	83	115	118	46	51	32	76
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
219	229	166	119	129	132	65	135	169	86	162	202
138	143	189	153	199	298	214	219	197	203	265	278
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
936	826	802	640	600	560	577	584	570	643	751	888
830	733	778	665	589	590	635	627	593	710	844	972
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
1072	**1088**	945	637	586	563	599	614	621	740	827	915
905	870	780	758	623	696	753	712	675	787	969	**1080**
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
1415	1354	1282	901	832	788	872	827	826	973	1021	1261
1188	1056	1041	964	802	927	951	871	830	1014	1256	**1386**
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
1520	1484	1343	1099	974	927	955	960	1002	1186	1212	1385
1320	1227	1258	1133	949	1008	1025	985	1021	1243	1430	**1556**
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
18:00	20:00	20:00	21:00	21:00	22:00	22:00	21:00	20:00	20:00	19:00	18:00
19:00	19:00	19:00	21:00	22:00	22:00	22:00	21:00	20:00	21:00	18:00	**18:00**
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
1119	1010	1069	723	550	608	839	566	548	790	765	973

[2] Terminology 2.15, see also note Physical energy exchange in interconnected operation

The Netherlands

Monthly values / Operation

				I-XII
Thermal nuclear net production	GWh	Σ	1997	2243
			2006	3269
			2007	3993
Thermal conventional net production	GWh	Σ	1997	56152
			2006	84278
			2007	88628
Hydraulic net production	GWh	Σ	1997	0
			2006	100
			2007	97
Other renewable net production [1]	GWh	Σ	2006	7067
			2007	6618
- of which wind	GWh	Σ	2006	2697
			2007	3435
Not clearly identifiable net production [1]	GWh	Σ	2006	0
			2007	10
Total net electrical energy production, calculated to represent 100% of the national values	GWh	Σ	1997 [3]	82951
			2006 [3]	94714
			2007 [3]	99346
Physical import	GWh	Σ	1997	17937
			2006	27355
			2007	23150
Physical export	GWh	Σ	1997	5108
			2006	5886
			2007	5568
Total physical import/export balance [2]	GWh	Σ	1997	12835
			2006	21465
			2007	17609
Consumption of pumps	GWh	Σ	1997	0
			2006	0
			2007	0
National electrical consumption, calculated to represent 100% of the national values	GWh	Σ	1997	95786
			2006	116179
			2007	116955
Consumption load 3:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1997	8092
			2006	11582
			2007	11180
Consumption load 11:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1997	14305
			2006	17796
			2007	17126
Highest load on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1997	14781
			2006	17855
			2007	17840
Time of highest load on the 3rd Wednesday		CET	1997	17:00
			2006	10:00
			2007	18:00
Power produced in parallel operation on the 3rd Wednesday at 11:00 a.m.	MW	max.	1997	9667
			2006	14591

[1] Before 2005, the information on renewable and not identifiable energy sources was collected in a different manner. Some countries added them to thermal conventional, some considered them as the part of not represented in the figures (through the factor "representativity").

The Netherlands

I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
326	88	0	0	0	0	214	288	324	337	327	339
336	304	336	324	333	207	313	327	314	189	0	286
361	326	361	348	357	341	352	334	148	356	348	361
5413	4437	4715	4628	4466	4409	4433	4595	4516	4919	4694	4927
8187	7332	7681	6239	6027	6311	6528	6923	6583	7258	7353	7856
8419	7780	7943	6618	6399	6465	6455	6449	6985	8369	8367	8379
0	0	0	0	0	0	0	0	0	0	0	0
11	8	12	10	14	10	3	7	5	7	0	13
9	11	10	11	8	0	12	9	8	5	9	5
578	659	749	619	706	714	384	406	372	555	662	663
741	463	655	365	504	424	585	484	576	438	675	708
190	222	257	211	254	111	82	160	136	288	382	404
549	262	382	178	253	166	285	191	273	145	345	406
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	10	0	0	0	0	0	0
7970	6654	6833	6518	6380	6209	6544	6688	6629	7508	7275	7743
9112	8303	8778	7192	7080	7242	7228	7663	7274	8009	8015	8818
9530	8580	8969	7342	7268	7240	7404	7276	7717	9168	9399	9453
1375	1399	1555	1502	1645	1725	1649	1476	1498	1354	1402	1357
2550	2351	2786	2525	2474	2335	1979	1789	1905	1999	2208	2454
1949	1386	1990	2142	2101	2045	2084	2073	1951	1422	1860	2147
685	428	486	420	391	390	477	328	365	351	344	443
888	1118	1275	419	324	198	172	220	97	122	303	750
745	294	535	318	72	67	257	167	337	596	1152	1028
691	970	1070	1082	1254	1336	1173	1147	1135	1004	1059	914
1661	1233	1511	2106	2150	2140	1805	1569	1807	1876	1904	1703
1203	1091	1454	1822	2028	1978	1827	1941	1613	826	707	1119
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
8661	7624	7903	7600	7634	7545	7717	7835	7764	8512	8334	8657
10773	9536	10289	9298	9230	9382	9033	9232	9081	9885	9919	10521
10733	9671	10423	9164	9296	9218	9231	9217	9330	9994	10106	10572
7351	6892	6648	6921	7329	7231	7592	**8092**	7387	7143	7148	7583
9601	9214	10758	10063	9830	9966	10295	9229	9732	10578	10226	**11582**
10579	10388	10629	10006	10275	9840	10068	8958	9308	9927	10179	**11180**
13831	13448	13440	13456	13553	13240	13198	13805	13767	13620	13764	**14305**
16455	15951	16436	15499	14922	15222	15233	13364	14211	15916	15848	**17796**
17126	16104	15849	14643	14842	14235	13183	13168	13309	14726	15712	16526
14044	13616	13502	13487	13611	13322	13339	13850	13839	13706	14143	**14781**
16638	16125	16546	15507	15008	15321	15512	13659	14514	15916	16427	**17855**
17840	16105	15903	15191	14857	14624	13571	13298	13309	14744	15817	16614
18:00	12:00	10:00	10:00	12:00	12:00	12:00	14:00	12:00	12:00	18:00	**17:00**
18:00	12:00	10:00	10:00	15:00	12:00	12:00	14:00	15:00	11:00	18:00	**10:00**
18:00	12:00	12:00	16:00	10:00	17:00	15:00	14:00	11:00	10:00	18:00	10:00
9667	7760	8143	8209	8291	7896	8466	9315	8679	9199	8720	9555
13312	13765	13997	12102	12282	11683	13835	11705	12342	14289	**14591**	14172

[2] Terminology 2.15, see also note Physical energy exchange in interconnected operation

[3] including deliveries from industry

Physical exchanges in interconnected operation [1]

The Netherlands | GWh

MM_YY	NL→BE	NL→DE	UCTE_EXP	Total_EXP	BE→NL	DE→NL	UCTE_IMP	Total_IMP	NL_UCTE	NL_Total
	Export (-)				Import (+)				Balance	
I.97	502	183	685	685	171	1204	1375	1375	690	690
II.97	320	108	428	428	271	1128	1399	1399	971	971
III.97	364	122	486	486	338	1217	1555	1555	1069	1069
IV.97	284	136	420	420	384	1118	1502	1502	1082	1082
V.97	235	156	391	391	479	1166	1645	1645	1254	1254
VI.97	304	86	390	390	294	1431	1725	1725	1335	1335
VII.97	371	106	477	477	226	1423	1649	1649	1172	1172
VIII.97	172	156	328	328	568	908	1476	1476	1148	1148
IX.97	198	167	365	365	470	1028	1498	1498	1133	1133
X.97	204	147	351	351	397	957	1354	1354	1003	1003
XI.97	250	94	344	344	373	1029	1402	1402	1058	1058
XII.97	332	111	443	443	254	1103	1357	1357	914	914
1997	**3536**	**1572**	**5108**	**5108**	**4225**	**13712**	**17937**	**17937**	**12829**	**12829**
I.06	888	0	888	888	64	2486	2550	2550	1662	1662
II.06	1118	0	1118	1118	29	2322	2351	2351	1233	1233
III.06	1275	0	1275	1275	27	2759	2786	2786	1511	1511
IV.06	419	0	419	419	412	2113	2525	2525	2106	2106
V.06	323	1	324	324	443	2031	2474	2474	2150	2150
VI.06	190	8	198	198	771	1564	2335	2335	2137	2137
VII.06	137	35	172	172	801	1178	1979	1979	1807	1807
VIII.06	6	214	220	220	860	929	1789	1789	1569	1569
IX.06	75	22	97	97	790	1115	1905	1905	1808	1808
X.06	120	2	122	122	521	1478	1999	1999	1877	1877
XI.06	303	0	303	303	222	1986	2208	2208	1905	1905
XII.06	749	1	750	750	79	2375	2454	2454	1704	1704
2006	**5603**	**283**	**5886**	**5886**	**5019**	**22336**	**27355**	**27355**	**21469**	**21469**
I.07	738	7	745	745	71	1878	1949	1949	1204	1204
II.07	270	24	294	294	346	1040	1386	1386	1092	1092
III.07	533	2	535	535	180	1810	1990	1990	1455	1455
IV.07	317	1	318	318	412	1730	2142	2142	1824	1824
V.07	68	4	72	72	717	1384	2101	2101	2029	2029
VI.07	45	22	67	67	1087	958	2045	2045	1978	1978
VII.07	219	38	257	257	597	1487	2084	2084	1827	1827
VIII.07	69	98	167	167	993	1080	2073	2073	1906	1906
IX.07	297	40	337	337	395	1556	1951	1951	1614	1614
X.07	533	63	596	596	223	1199	1422	1422	826	826
XI.07	1152	0	1152	1152	54	1806	1860	1860	708	708
XII.07	1027	1	1028	1028	12	2135	2147	2147	1119	1119
2007	**5268**	**300**	**5568**	**5568**	**5087**	**18063**	**23150**	**23150**	**17582**	**17582**

[1] These physical energy flows were measured on the cross-frontier transmission lines (≥110 kV). These values may differ from the official statistics and the total physical balance in the table "Monthly values: Operation".

Physical exchanges in interconnected operation [1]

Poland | GWh

MM_YY	PL→CZ	PL→DE	PL→SK	PL→UA	PL→BY	PL→SE	UCTE_EXP	Total_EXP	CZ→PL	DE→PL	SK→PL	UA→PL	BY→PL	SE→PL	UCTE_IMP	Total_IMP	PL_UCTE	PL_Total
	Export (-)								Import (+)								Balance	
I.97	n.a.	114	n.a.	n.a.	n.a.	n.a.	114	n.a.	n.a.	258	n.a.	n.a.	n.a.	n.a.	258	n.a.	144	n.a.
II.97	n.a.	103	n.a.	n.a.	n.a.	n.a.	103	n.a.	n.a.	250	n.a.	n.a.	n.a.	n.a.	250	n.a.	147	n.a.
III.97	n.a.	104	n.a.	n.a.	n.a.	n.a.	104	n.a.	n.a.	304	n.a.	n.a.	n.a.	n.a.	304	n.a.	200	n.a.
IV.97	n.a.	67	n.a.	n.a.	n.a.	n.a.	67	n.a.	n.a.	303	n.a.	n.a.	n.a.	n.a.	303	n.a.	236	n.a.
V.97	n.a.	31	n.a.	n.a.	n.a.	n.a.	31	n.a.	n.a.	263	n.a.	n.a.	n.a.	n.a.	263	n.a.	232	n.a.
VI.97	n.a.	31	n.a.	n.a.	n.a.	n.a.	31	n.a.	n.a.	265	n.a.	n.a.	n.a.	n.a.	265	n.a.	234	n.a.
VII.97	n.a.	60	n.a.	n.a.	n.a.	n.a.	60	n.a.	n.a.	419	n.a.	n.a.	n.a.	n.a.	419	n.a.	359	n.a.
VIII.97	n.a.	137	n.a.	n.a.	n.a.	n.a.	137	n.a.	n.a.	284	n.a.	n.a.	n.a.	n.a.	284	n.a.	147	n.a.
IX.97	n.a.	77	n.a.	n.a.	n.a.	n.a.	77	n.a.	n.a.	411	n.a.	n.a.	n.a.	n.a.	411	n.a.	334	n.a.
X.97	n.a.	69	n.a.	n.a.	n.a.	n.a.	69	n.a.	n.a.	430	n.a.	n.a.	n.a.	n.a.	430	n.a.	361	n.a.
XI.97	n.a.	95	n.a.	n.a.	n.a.	n.a.	95	n.a.	n.a.	448	n.a.	n.a.	n.a.	n.a.	448	n.a.	353	n.a.
XII.97	n.a.	78	n.a.	n.a.	n.a.	n.a.	78	n.a.	n.a.	442	n.a.	n.a.	n.a.	n.a.	442	n.a.	364	n.a.
1997	**n.a.**	**966**	**n.a.**	**n.a.**	**n.a.**	**n.a.**	**966**	**n.a.**	**n.a.**	**4077**	**n.a.**	**n.a.**	**n.a.**	**n.a.**	**4077**	**n.a.**	**3111**	**n.a.**
I.06	1174	9	361	0	0	255	1544	1799	0	303	0	81	98	0	303	482	-1241	-1317
II.06	1043	7	385	0	0	199	1435	1634	0	279	0	78	90	0	279	447	-1156	-1187
III.06	1025	13	307	0	0	229	1345	1574	1	231	0	74	102	0	232	408	-1113	-1166
IV.06	831	94	281	0	0	242	1206	1448	1	56	0	48	83	0	57	188	-1149	-1260
V.06	781	44	250	0	0	45	1075	1120	8	120	0	78	86	102	128	394	-947	-726
VI.06	584	212	199	0	0	51	995	1046	8	11	0	69	83	96	19	267	-976	-779
VII.06	558	102	159	0	0	19	819	838	10	153	4	74	88	51	167	380	-652	-458
VIII.06	538	133	19	0	0	68	690	758	12	78	0	72	45	2	90	209	-600	-549
IX.06	695	77	310	0	0	121	1082	1203	1	88	0	81	73	0	89	243	-993	-960
X.06	866	30	402	0	0	66	1298	1364	0	287	0	88	102	0	287	477	-1011	-887
XI.06	1043	1	315	0	0	112	1359	1471	1	411	0	62	96	0	412	570	-947	-901
XII.06	1043	0	386	0	0	93	1429	1522	0	531	0	65	97	13	531	706	-898	-816
2006	**10181**	**722**	**3374**	**0**	**0**	**1500**	**14277**	**15777**	**42**	**2548**	**4**	**870**	**1043**	**264**	**2594**	**4771**	**-11683**	**-11006**
I.07	927	0	385	0	0	19	1312	1331	1	565	0	87	0	193	566	846	-746	-485
II.07	885	1	371	0	0	44	1257	1301	0	462	0	78	0	89	462	629	-795	-672
III.07	845	0	315	0	0	0	1160	1160	0	504	0	84	0	341	504	929	-656	-231
IV.07	647	6	296	0	0	0	949	949	2	351	0	57	0	357	353	767	-596	-182
V.07	678	11	239	0	0	0	928	928	2	301	0	69	0	396	303	768	-625	-160
VI.07	514	10	213	0	0	7	737	744	1	313	0	62	0	191	314	567	-423	-177
VII.07	725	3	235	0	0	2	963	965	0	421	0	69	0	258	421	748	-542	-217
VIII.07	604	2	194	0	0	7	800	807	0	341	0	68	0	207	341	616	-459	-191
IX.07	758	7	345	0	0	7	1110	1117	0	280	0	58	0	156	280	494	-830	-623
X.07	913	3	296	0	0	63	1212	1275	13	429	0	0	0	13	442	455	-770	-820
XI.07	845	1	383	0	0	60	1229	1289	0	483	0	0	0	4	483	487	-746	-802
XII.07	889	4	327	0	0	21	1220	1241	1	441	0	0	0	4	442	446	-778	-795
2007	**9230**	**48**	**3599**	**0**	**0**	**230**	**12877**	**13107**	**20**	**4891**	**0**	**632**	**0**	**2209**	**4911**	**7752**	**-7966**	**-5355**

[1] These physical energy flows were measured on the cross-frontier transmission lines (≥110 kV). These values may differ from the official statistics and the total physical balance in the table "Monthly values: Operation".

Poland

Monthly values / Operation

				I-XII
Thermal nuclear net production	GWh	Σ	1997	n.a.
			2006	0
			2007	0
Thermal conventional net production	GWh	Σ	1997	n.a.
			2006	145736
			2007	145128
Hydraulic net production	GWh	Σ	1997	n.a.
			2006	2794
			2007	2684
Other renewable net production [1]	GWh	Σ	2006	326
			2007	622
- of which wind	GWh	Σ	2006	234
			2007	506
Not clearly identifiable net production [1]	GWh	Σ	2006	0
			2007	0
Total net electrical energy production, calculated to represent 100% of the national values	GWh	Σ	1997	n.a.
			2006 [3]	148856
			2007 [3]	148434
Physical import	GWh	Σ	1997	n.a.
			2006	4771
			2007	7752
Physical export	GWh	Σ	1997	n.a.
			2006	15777
			2007	13107
Total physical import/export balance [2]	GWh	Σ	1997	n.a.
			2006	-11001
			2007	-5358
Consumption of pumps	GWh	Σ	1997	n.a.
			2006	1357
			2007	870
National electrical consumption, calculated to represent 100% of the national values	GWh	Σ	1997	n.a.
			2006	136498
			2007	142206
Consumption load 3:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1997	n.a.
			2006	15648
			2007	15377
Consumption load 11:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1997	n.a.
			2006	20419
			2007	21106
Highest load on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1997	n.a.
			2006	22017
			2007	22601
Time of highest load on the 3rd Wednesday		CET	1997	n.a.
			2006	17:00
			2007	17:00
Power produced in parallel operation on the 3rd Wednesday at 11:00 a.m.	MW	max.	1997	n.a.
			2006	25536

[1] Before 2005, the information on renewable and not identifiable energy sources was collected in a different manner. Some countries added them to thermal conventional, some considered them as the part of not represented in the figures (through the factor "representativity").

I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
14558	12672	13455	11614	10862	10761	10910	10975	11547	12421	12741	13220
13175	12253	12277	10985	11117	10839	11033	11261	11722	13311	13319	13836
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
266	244	286	396	237	236	157	206	213	151	205	197
249	286	315	198	156	168	146	148	230	232	262	294
18	21	25	25	31	15	17	23	32	19	46	54
73	46	48	44	29	31	41	42	52	44	102	70
12	15	18	18	23	9	9	15	23	11	38	43
65	37	39	36	21	22	32	31	41	31	92	59
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
14842	12937	13766	12035	11130	11012	11084	11204	11792	12591	12992	13471
13497	12585	12640	11227	11302	11038	11220	11451	12004	13587	13683	14200
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
482	447	408	188	394	267	380	209	243	477	570	706
846	629	929	767	768	567	748	616	494	455	487	446
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	0	n.a.	n.a.	n.a.
1799	1634	1574	1448	1120	1046	838	758	1203	1364	1471	1522
1331	1301	1160	949	928	744	965	807	1117	1275	1289	1241
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
-1317	-1186	-1164	-1260	-725	-779	-458	-550	-959	-887	-900	-816
-487	-673	-232	-182	-159	-176	-218	-191	-623	-821	-801	-795
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
211	182	194	131	66	53	66	124	109	78	68	75
61	49	34	29	35	80	63	68	93	110	110	138
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
13314	11569	12408	10644	10339	10180	10560	10530	10724	11626	12024	12580
12949	11863	12374	11016	11108	10782	10939	11192	11288	12656	12772	13267
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
15648	14930	14970	13105	12253	12347	12488	10630	12642	13790	14271	14810
14350	14784	14154	13047	12735	13079	13211	12252	13255	14174	**15377**	15360
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
20419	19036	19022	17095	16246	16799	16482	15977	17036	18186	18723	20190
19415	19411	19159	17684	17528	17520	17602	13507	17887	18766	20260	**21106**
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
21739	20402	20345	17911	16586	17182	16877	16619	18480	19987	20653	**22017**
21169	20929	20539	18803	17793	17829	17903	14425	19596	20551	21999	**22601**
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
18:00	19:00	20:00	21:00	13:00	13:00	14:00	21:00	20:00	20:00	18:00	**17:00**
17:00	20:00	20:00	21:00	13:00	14:00	12:00	22:00	20:00	20:00	18:00	**17:00**
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
25536	24913	22898	21320	22677	21524	20401	20115	22430	22023	22241	23899

[2] Terminology 2.15, see also note Physical energy exchange in interconnected operation

[3] including deliveries from industry

Portugal

Monthly values / Operation

				I-XII
Thermal nuclear net production	GWh	Σ	1997	0
			2006	0
			2007	0
Thermal conventional net production	GWh	Σ	1997	16324
			2006	28423
			2007	26822
Hydraulic net production	GWh	Σ	1997	12860
			2006	11198
			2007	10218
Other renewable net production [1]	GWh	Σ	2006	4818
			2007	6068
- of which wind	GWh	Σ	2006	2892
			2007	4011
Not clearly identifiable net production [1]	GWh	Σ	2006	0
			2007	0
Total net electrical energy production, calculated to represent 100% of the national values	GWh	Σ	1997 [3]	31708
			2006 [3]	45968
			2007 [3]	44636
Physical import	GWh	Σ	1997	5284
			2006	8481
			2007	9483
Physical export	GWh	Σ	1997	2480
			2006	3183
			2007	2154
Total physical import/export balance [2]	GWh	Σ	1997	2898
			2006	5441
			2007	7488
Consumption of pumps	GWh	Σ	1997	101
			2006	704
			2007	540
National electrical consumption, calculated to represent 100% of the national values	GWh	Σ	1997	34505
			2006	50705
			2007	51584
Consumption load 3:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1997	3090
			2006	5511
			2007	5849
Consumption load 11:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1997	5711
			2006	7857
			2007	8287
Highest load on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1997	5784
			2006	9048
			2007	9132
Time of highest load on the 3rd Wednesday		CET	1997	18:00
			2006	20:00
			2007	20:00
Power produced in parallel operation on the 3rd Wednesday at 11:00 a.m.	MW	max.	1997	4958
			2006	7472

[1] Before 2005, the information on renewable and not identifiable energy sources was collected in a different manner. Some countries added them to thermal conventional, some considered them as the part of not represented in the figures (through the factor "representativity").

I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
875	954	1250	1557	1560	1333	1793	1535	1798	1961	923	785
2993	2764	2096	1949	2429	2464	2879	2801	2569	2034	1570	1875
2934	1765	1613	2079	1988	2118	2400	2144	2237	2187	2443	2914
2158	1504	999	510	489	911	546	423	643	734	1808	2135
720	540	1350	1099	679	487	526	347	380	955	1818	2297
1196	1468	1618	810	981	818	720	512	487	646	536	426
354	324	436	349	309	316	347	433	363	550	504	533
422	560	620	404	480	462	511	566	440	452	557	594
186	175	274	189	176	164	176	260	204	391	341	356
249	393	434	233	321	291	348	383	281	269	388	421
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
3296	2670	2443	2246	2226	2438	2541	2127	2652	2928	2968	3173
4225	3743	4016	3500	3545	3397	3872	3698	3447	3669	4010	4846
4706	3926	3991	3402	3576	3509	3757	3335	3282	3400	3665	4087
272	230	488	627	607	461	613	609	434	404	240	299
914	806	824	541	727	812	775	643	808	783	502	346
687	784	831	694	748	609	738	847	918	908	859	860
272	199	187	157	120	201	169	111	191	334	243	296
223	251	330	271	196	151	254	299	110	258	357	483
455	357	345	104	155	113	151	150	86	32	111	95
8	37	308	478	494	266	453	505	259	77	2	11
704	568	505	280	544	672	533	356	711	535	155	-122
250	441	499	602	605	508	601	712	843	887	759	781
19	2	0	26	3	0	3	5	0	3	23	17
47	33	57	43	55	66	96	47	86	78	56	40
40	59	61	26	41	21	51	33	28	62	75	43
3285	2705	2751	2698	2717	2704	2991	2627	2911	3002	2947	3167
4882	4278	4464	3737	4034	4003	4309	4007	4072	4126	4109	4684
4916	4308	4429	3978	4140	3996	4307	4014	4097	4225	4349	4825
2712	2778	2667	2876	2644	2834	2907	2628	**3090**	2855	2787	3017
5350	5100	4709	4307	4583	4640	5043	4104	4714	4444	4478	**5511**
5310	4830	4975	4624	4638	4616	4902	4505	4768	4679	5139	**5849**
5376	5151	4733	4986	4830	4945	5146	4293	5294	4990	5122	**5711**
7857	7381	6816	6480	6801	6706	7115	5561	6775	6783	6779	7830
7697	7529	7128	6747	6737	6743	6801	4776	6880	6810	7342	**8287**
5592	5230	4830	4986	4830	4995	5146	4411	5347	5094	5354	**5784**
8491	8047	7260	6678	7019	7027	7467	5920	7057	7116	7470	**9048**
8363	8224	7846	6906	6988	7004	7136	5547	7101	7370	8107	**9132**
19:00	19:00	12:00	11:00	11:00	12:00	11:00	21:00	16:00	20:00	18:00	**18:00**
21:00	21:00	21:00	13:00	13:00	13:00	13:00	22:00	13:00	21:00	19:00	**20:00**
20:00	21:00	21:00	22:00	13:00	13:00	13:00	22:00	16:00	21:00	20:00	**20:00**
4596	4628	3914	3765	3772	3886	3921	3190	4247	4436	4474	**4958**
6935	6901	6746	6738	6235	5565	6639	4942	5958	5595	6599	**7472**

[2] Terminology 2.15, see also note Physical energy exchange in interconnected operation

[3] including deliveries from industry

Physical exchanges in interconnected operation [1]

Portugal | GWh

MM_YY	PT→ES	UCTE_EXP	Total_EXP	ES→PT	UCTE_IMP	Total_IMP	PT_UCTE	PT_Total
	Export (-)			Import (+)			Balance	
I.97	272	272	272	272	272	272	0	0
II.97	199	199	199	230	230	230	31	31
III.97	187	187	187	488	488	488	301	301
IV.97	157	157	157	627	627	627	470	470
V.97	120	120	120	607	607	607	487	487
VI.97	201	201	201	461	461	461	260	260
VII.97	169	169	169	613	613	613	444	444
VIII.97	111	111	111	609	609	609	498	498
IX.97	191	191	191	434	434	434	243	243
X.97	334	334	334	404	404	404	70	70
XI.97	243	243	243	240	240	240	-3	-3
XII.97	296	296	296	299	299	299	3	3
1997	**2480**	**2480**	**2480**	**5284**	**5284**	**5284**	**2804**	**2804**
I.06	223	223	223	914	914	914	691	691
II.06	251	251	251	806	806	806	555	555
III.06	330	330	330	824	824	824	494	494
IV.06	271	271	271	541	541	541	270	270
V.06	196	196	196	727	727	727	531	531
VI.06	151	151	151	812	812	812	661	661
VII.06	254	254	254	775	775	775	521	521
VIII.06	299	299	299	643	643	643	344	344
IX.06	110	110	110	808	808	808	698	698
X.06	258	258	258	783	783	783	525	525
XI.06	357	357	357	502	502	502	145	145
XII.06	483	483	483	346	346	346	-137	-137
2006	**3183**	**3183**	**3183**	**8481**	**8481**	**8481**	**5298**	**5298**
I.07	455	455	455	687	687	687	232	232
II.07	357	357	357	784	784	784	427	427
III.07	345	345	345	831	831	831	486	486
IV.07	104	104	104	694	694	694	590	590
V.07	155	155	155	748	748	748	593	593
VI.07	113	113	113	609	609	609	496	496
VII.07	151	151	151	738	738	738	587	587
VIII.07	150	150	150	847	847	847	697	697
IX.07	86	86	86	918	918	918	832	832
X.07	32	32	32	908	908	908	876	876
XI.07	111	111	111	859	859	859	748	748
XII.07	95	95	95	860	860	860	765	765
2007	**2154**	**2154**	**2154**	**9483**	**9483**	**9483**	**7329**	**7329**

[1] These physical energy flows were measured on the cross-frontier transmission lines (≥110 kV). These values may differ from the official statistics and the total physical balance in the table "Monthly values: Operation".

Physical exchanges in interconnected operation [1]

Romania | GWh

MM_YY	RO→BG	RO→CS	RO→HU	RO→RS	RO→UA_W	RO→MD	UCTE_EXP	Total_EXP	BG→RO	CS→RO	HU→RO	RS→RO	UA_W→RO	MD→RO	UCTE_IMP	Total_IMP	RO_UCTE	RO_Total
	Export (-)								Import (+)								Balance	
I.97	n.a.	49	n.a.		n.a.	n.a.	49	n.a.	n.a.	6	n.a.		n.a.	n.a.	6	n.a.	-43	n.a.
II.97	n.a.	33	n.a.		n.a.	n.a.	33	n.a.	n.a.	9	n.a.		n.a.	n.a.	9	n.a.	-24	n.a.
III.97	n.a.	13	n.a.		n.a.	n.a.	13	n.a.	n.a.	32	n.a.		n.a.	n.a.	32	n.a.	19	n.a.
IV.97	n.a.	17	n.a.		n.a.	n.a.	17	n.a.	n.a.	45	n.a.		n.a.	n.a.	45	n.a.	28	n.a.
V.97	n.a.	9	n.a.		n.a.	n.a.	9	n.a.	n.a.	66	n.a.		n.a.	n.a.	66	n.a.	57	n.a.
VI.97	n.a.	7	n.a.		n.a.	n.a.	7	n.a.	n.a.	69	n.a.		n.a.	n.a.	69	n.a.	62	n.a.
VII.97	n.a.	1	n.a.		n.a.	n.a.	1	n.a.	n.a.	125	n.a.		n.a.	n.a.	125	n.a.	124	n.a.
VIII.97	n.a.	0	n.a.		n.a.	n.a.	0	n.a.	n.a.	137	n.a.		n.a.	n.a.	137	n.a.	137	n.a.
IX.97	n.a.	1	n.a.		n.a.	n.a.	1	n.a.	n.a.	89	n.a.		n.a.	n.a.	89	n.a.	88	n.a.
X.97	n.a.	27	n.a.		n.a.	n.a.	27	n.a.	n.a.	69	n.a.		n.a.	n.a.	69	n.a.	42	n.a.
XI.97	n.a.	132	n.a.		n.a.	n.a.	132	n.a.	n.a.	0	n.a.		n.a.	n.a.	0	n.a.	-132	n.a.
XII.97	n.a.	109	n.a.		n.a.	n.a.	109	n.a.	n.a.	3	n.a.		n.a.	n.a.	3	n.a.	-106	n.a.
1997	**n.a.**	**398**	**n.a.**		**n.a.**	**n.a.**	**398**	**n.a.**	**n.a.**	**650**	**n.a.**		**n.a.**	**n.a.**	**650**	**n.a.**	**252**	**n.a.**
I.06	74	382	155		0	0	611	611	32	0	1		72	0	33	105	-578	-506
II.06	55	381	152		1	0	588	589	40	0	0		49	0	40	89	-548	-500
III.06	65	315	204		1	0	584	585	70	0	0		49	0	70	119	-514	-466
IV.06	13	233	145		9	0	391	400	66	0	0		28	0	66	94	-325	-306
V.06	41	179	164		0	0	384	384	55	0	4		47	0	59	106	-325	-278
VI.06	70	181	135		2	0	386	388	82	0	1		62	0	83	145	-303	-243
VII.06	85	197	137		0	0	419	419	84	1	0		106	0	85	191	-334	-228
VIII.06	141	162	138		11	0	441	452	102	2	0		43	0	104	147	-337	-305
IX.06	74	251	94		22	0	419	441	151	0	2		40	0	153	193	-266	-248
X.06	85	255	59		1	0	399	400	26	0	11		84	0	37	121	-362	-279
XI.06	248	311	29		0	0	588	588	2	0	6		146	0	8	154	-580	-434
XII.06	187	415	25		0	0	627	627	0	0	4		167	0	4	171	-623	-456
2006	**1138**	**3262**	**1437**		**47**	**0**	**5837**	**5884**	**710**	**3**	**29**		**893**	**0**	**742**	**1635**	**-5095**	**-4249**
I.07	338		5	284	0	0	627	627	0		49	0	283	0	49	332	-578	-295
II.07	374		2	253	0	0	629	629	1		24	0	235	0	25	260	-604	-369
III.07	426		0	280	0	0	706	706	0		61	0	276	0	61	337	-645	-369
IV.07	116		3	205	0	0	324	324	4		70	0	280	0	74	354	-250	30
V.07	88		29	128	0	0	245	245	11		23	1	226	0	35	261	-210	16
VI.07	179		46	175	0	0	400	400	71		7	1	191	0	79	270	-321	-130
VII.07	285		15	199	0	0	499	499	123		5	1	190	36	129	355	-370	-144
VIII.07	218		2	146	0	0	366	366	85		75	8	281	59	168	508	-198	142
IX.07	218		26	236	0	0	480	480	51		18	0	249	54	69	372	-411	-108
X.07	233		35	271	0	0	539	539	63		24	0	185	62	87	334	-452	-205
XI.07	241		54	280	0	0	575	575	3		6	0	197	37	9	243	-566	-332
XII.07	341		33	287	0	0	661	661	0		18	0	255	66	18	339	-643	-322
2007	**3057**		**250**	**2744**	**0**	**0**	**6051**	**6051**	**412**		**380**	**11**	**2848**	**314**	**803**	**3965**	**-5248**	**-2086**

[1] These physical energy flows were measured on the cross-frontier transmission lines (≥110 kV). These values may differ from the official statistics and the total physical balance in the table "Monthly values: Operation".

Romania

Monthly values / Operation

				I-XII
Thermal nuclear net production	GWh	Σ	1997	n.a.
			2006	5204
			2007	7053
Thermal conventional net production	GWh	Σ	1997	n.a.
			2006	34236
			2007	33692
Hydraulic net production	GWh	Σ	1997	n.a.
			2006	17982
			2007	15622
Other renewable net production [1]	GWh	Σ	2006	0
			2007	0
- of which wind	GWh	Σ	2006	0
			2007	0
Not clearly identifiable net production [1]	GWh	Σ	2006	0
			2007	0
Total net electrical energy production, calculated to represent 100% of the national values	GWh	Σ	1997	n.a.
			2006 [3]	57422
			2007 [3]	56367
Physical import	GWh	Σ	1997	n.a.
			2006	1635
			2007	3965
Physical export	GWh	Σ	1997	n.a.
			2006	5884
			2007	6051
Total physical import/export balance [2]	GWh	Σ	1997	n.a.
			2006	-4252
			2007	-2098
Consumption of pumps	GWh	Σ	1997	n.a.
			2006	154
			2007	150
National electrical consumption, calculated to represent 100% of the national values	GWh	Σ	1997	n.a.
			2006	53016
			2007	54119
Consumption load 3:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1997	n.a.
			2006	6226
			2007	6512
Consumption load 11:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1997	n.a.
			2006	7772
			2007	8179
Highest load on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1997	n.a.
			2006	7974
			2007	8681
Time of highest load on the 3rd Wednesday		CET	1997	n.a.
			2006	18:00
			2007	18:00
Power produced in parallel operation on the 3rd Wednesday at 11:00 a.m.	MW	max.	1997	n.a.
			2006	8470

[1] Before 2005, the information on renewable and not identifiable energy sources was collected in a different manner. Some countries added them to thermal conventional, some considered them as the part of not represented in the figures (through the factor "representativity").

I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
486	440	487	372	489	471	479	479	124	413	475	489
489	442	488	474	478	463	473	502	639	766	870	969
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
3451	3365	3175	2407	2145	1817	2245	2405	2542	3190	3742	3752
3612	3208	3088	2293	2342	2602	2982	2642	2419	2684	2833	2987
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
1432	1235	1597	1693	1842	2018	1710	1654	1701	1103	913	1084
933	1141	1460	1298	1462	1322	1237	1072	1236	1417	1556	1488
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
5369	5040	5259	4472	4476	4306	4434	4538	4367	4706	5130	5325
5034	4791	5036	4065	4282	4387	4692	4216	4294	4867	5259	5444
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
105	89	119	94	106	145	191	147	193	121	154	171
332	260	337	354	261	270	355	508	372	334	243	339
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	0	n.a.	n.a.	n.a.
611	589	585	400	384	388	419	452	441	400	588	627
627	629	706	324	245	400	499	366	480	539	575	661
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
-508	-500	-467	-305	-278	-244	-228	-306	-248	-278	-434	-456
-296	-370	-370	28	15	-131	-144	141	-109	-206	-333	-323
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
4	3	6	30	39	22	18	16	4	6	5	1
4	4	7	15	25	15	7	15	21	15	14	8
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
4857	4537	4786	4137	4159	4040	4188	4216	4115	4422	4691	4868
4734	4417	4659	4078	4272	4241	4541	4342	4164	4646	4912	5113
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
6226	6065	5928	5462	4990	5107	5174	5047	5048	5470	5666	6191
5771	**6512**	5812	5278	5069	5342	5605	5015	5097	5604	5922	6428
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
7772	7559	7443	6806	6039	6228	6177	6007	6322	6743	6737	7288
7218	6873	6362	6270	6430	6774	7175	6117	6304	6782	7428	**8179**
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
7772	7717	7601	6980	6372	6406	6426	6432	6855	7323	7512	**7974**
7619	7589	6739	6593	6672	6846	7290	6436	7008	7475	8025	**8681**
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
11:00	21:00	21:00	23:00	22:00	14:00	15:00	23:00	20:00	20:00	18:00	**18:00**
20:00	20:00	20:00	22:00	13:00	13:00	14:00	21:00	20:00	20:00	18:00	**18:00**
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
8414	**8470**	8220	7539	6618	6740	6563	6600	6799	7437	7727	8004

[2] Terminology 2.15, see also note Physical energy exchange in interconnected operation

[3] including deliveries from industry

Serbia

Monthly values / Operation

				I-XII
Thermal nuclear net production	GWh	Σ	1997 [3] 2006 [3] 2007	 0
Thermal conventional net production	GWh	Σ	1997 [3] 2006 [3] 2007	 28969
Hydraulic net production	GWh	Σ	1997 [3] 2006 [3] 2007	 9928
Other renewable net production [1]	GWh	Σ	2006 [3] 2007	 0
- of which wind	GWh	Σ	2006 [3] 2007	 0
Not clearly identifiable net production [1]	GWh	Σ	2006 [3] 2007	 0
Total net electrical energy production, calculated to represent 100% of the national values	GWh	Σ	1997 [3] 2006 [3] 2007	 38897
Physical import	GWh	Σ	1997 [3] 2006 [3] 2007	 8844
Physical export	GWh	Σ	1997 [3] 2006 [3] 2007	 8569
Total physical import/export balance [2]	GWh	Σ	1997 [3] 2006 [3] 2007	 -246
Consumption of pumps	GWh	Σ	1997 [3] 2006 [3] 2007	 812
National electrical consumption, calculated to represent 100% of the national values	GWh	Σ	1997 [3] 2006 [3] 2007	 37839
Consumption load 3:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1997 [3] 2006 [3] 2007	 5273
Consumption load 11:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1997 [3] 2006 [3] 2007	 6492
Highest load on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1997 [3] 2006 [3] 2007	 6534
Time of highest load on the 3rd Wednesday		CET	1997 [3] 2006 [3] 2007	 10:00
Power produced in parallel operation on the 3rd Wednesday at 11:00 a.m.	MW	max.	1997 [3] 2006 [3]	

[1] Before 2005, the information on renewable and not identifiable energy sources was collected in a different manner. Some countries added them to thermal conventional, some considered them as the part of not represented in the figures (through the factor "representativity").

I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
0	0	0	0	0	0	0	0	0	0	0	0
2927	2322	2319	2145	2245	2281	2124	2152	2002	2656	2728	3068
785	900	1103	893	762	706	651	531	697	708	1057	1135
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
3712	3222	3422	3038	3007	2987	2775	2683	2699	3364	3785	4203
973	832	695	463	496	509	674	714	769	849	895	975
735	624	588	587	757	848	740	671	659	748	773	839
-232	-202	-100	130	259	346	71	-34	-104	-109	-127	-144
134	10	32	12	73	59	42	57	106	144	99	44
3346	3010	3290	3156	3193	3274	2804	2592	2489	3111	3559	4015
4450	4117	3712	2993	2620	2789	2863	2711	2856	3662	4608	**5273**
5604	5311	5080	4343	4008	4113	4280	3924	4233	4913	5799	**6492**
6097	5914	5827	5125	4558	4650	4568	4395	4918	5696	6139	**6534**
19:00	19:00	20:00	21:00	21:00	22:00	22:00	21:00	20:00	20:00	18:00	**10:00**

[2] Terminology 2.15, see also note Physical energy exchange in interconnected operation

[3] Values 1997 and 2006 as values of Serbia&Montenegro

Physical exchanges in interconnected operation [1]

Serbia | **GWh**

MM_YY	RS→BA	RS→BG	RS→HR	RS→HU	RS→ME	RS→MK	RS→RO	RS→AL	UCTE_EXP	Total_EXP	BA→RS	BG→RS	HR→RS	HU→RS	ME→RS	MK→RS	RO→RS	AL→RS	UCTE_IMP	Total_IMP	RS_UCTE	RS_Total
	Export (-)										Import (+)										Balance	
I.97																						
II.97																						
III.97																						
IV.97																						
V.97																						
VI.97																						
VII.97																						
VIII.97																						
IX.97																						
X.97																						
XI.97																						
XII.97																						
1997																						
I.06																						
II.06																						
III.06																						
IV.06																						
V.06																						
VI.06																						
VII.06																						
VIII.06																						
IX.06																						
X.06																						
XI.06																						
XII.06																						
2006																						
I.07	261	0	170	0	186	107	0	11	724	735	47	177	0	423	27	0	284	15	958	973	234	238
II.07	193	0	151	0	108	152	0	20	604	624	23	139	0	384	32	0	253	1	831	832	227	208
III.07	130	0	106	0	85	236	0	31	557	588	29	130	0	218	38	0	280	0	695	695	138	107
IV.07	172	0	118	0	107	162	0	28	559	587	14	108	0	113	21	0	205	2	461	463	-98	-124
V.07	204	0	149	0	165	220	1	18	739	757	25	140	0	189	6	1	128	7	489	496	-250	-261
VI.07	198	0	133	0	175	301	1	40	808	848	28	147	0	155	4	0	175	0	509	509	-299	-339
VII.07	187	0	111	0	160	260	1	21	719	740	20	127	0	320	6	0	199	2	672	674	-47	-66
VIII.07	156	0	89	0	125	264	8	29	642	671	45	161	0	330	32	0	146	0	714	714	72	43
IX.07	202	0	151	0	124	148	0	34	625	659	38	197	0	278	20	0	236	0	769	769	144	110
X.07	246	0	198	0	122	158	0	24	724	748	39	205	0	311	21	0	271	2	847	849	123	101
XI.07	213	0	206	0	139	202	0	13	760	773	33	237	0	320	18	0	280	7	888	895	128	122
XII.07	243	0	209	0	119	258	0	10	829	839	25	234	0	389	28	0	287	12	963	975	134	136
2007	**2405**	**0**	**1791**	**0**	**1615**	**2468**	**11**	**279**	**8290**	**8569**	**366**	**2002**	**0**	**3430**	**253**	**1**	**2744**	**48**	**8796**	**8844**	**506**	**275**

[1] These physical energy flows were measured on the cross-frontier transmission lines (≥110 kV). These values may differ from the official statistics and the total physical balance in the table "Monthly values: Operation".

Physical exchanges in interconnected operation [1]

MM_YY	SI→AT	SI→HR	SI→IT	UCTE_EXP	Total_EXP	AT→SI	HR→SI	IT→SI	UCTE_IMP	Total_IMP	SI_UCTE	SI_Total
	Export (-)					Import (+)					Balance	
I.97	4	n.a.	120	n.a.	n.a.	134	n.a.	42	n.a.	n.a.	n.a.	n.a.
II.97	1	n.a.	60	n.a.	n.a.	111	n.a.	63	n.a.	n.a.	n.a.	n.a.
III.97	8	n.a.	60	n.a.	n.a.	103	n.a.	62	n.a.	n.a.	n.a.	n.a.
IV.97	6	n.a.	51	n.a.	n.a.	103	n.a.	55	n.a.	n.a.	n.a.	n.a.
V.97	0	n.a.	70	n.a.	n.a.	251	n.a.	35	n.a.	n.a.	n.a.	n.a.
VI.97	0	n.a.	121	n.a.	n.a.	271	n.a.	27	n.a.	n.a.	n.a.	n.a.
VII.97	0	n.a.	156	n.a.	n.a.	237	n.a.	18	n.a.	n.a.	n.a.	n.a.
VIII.97	9	n.a.	30	n.a.	n.a.	124	n.a.	72	n.a.	n.a.	n.a.	n.a.
IX.97	0	n.a.	104	n.a.	n.a.	169	n.a.	31	n.a.	n.a.	n.a.	n.a.
X.97	0	n.a.	42	n.a.	n.a.	203	n.a.	57	n.a.	n.a.	n.a.	n.a.
XI.97	1	n.a.	75	n.a.	n.a.	154	n.a.	60	n.a.	n.a.	n.a.	n.a.
XII.97	17	n.a.	97	n.a.	n.a.	78	n.a.	66	n.a.	n.a.	n.a.	n.a.
1997	**46**	**n.a.**	**986**	**n.a.**	**n.a.**	**1938**	**n.a.**	**588**	**n.a.**	**n.a.**	**n.a.**	**n.a.**
I.06	222	14	418	654	654	10	762	1	773	773	119	119
II.06	158	10	477	645	645	14	707	1	722	722	77	77
III.06	128	19	566	713	713	25	724	2	751	751	38	38
IV.06	12	17	701	730	730	139	799	0	938	938	208	208
V.06	6	103	591	700	700	86	602	0	688	688	-12	-12
VI.06	25	181	520	726	726	98	484	0	582	582	-144	-144
VII.06	73	139	444	656	656	108	493	1	602	602	-54	-54
VIII.06	56	209	289	554	554	96	367	1	464	464	-90	-90
IX.06	85	132	204	421	421	65	373	4	442	442	21	21
X.06	112	94	415	621	621	90	512	1	603	603	-18	-18
XI.06	46	79	392	517	517	52	503	1	556	556	39	39
XII.06	139	39	372	550	550	50	545	0	595	595	45	45
2006	**1062**	**1036**	**5389**	**7487**	**7487**	**833**	**6871**	**12**	**7716**	**7716**	**229**	**229**
I.07	107	66	357	530	530	72	481	1	554	554	24	24
II.07	96	82	268	446	446	74	376	1	451	451	5	5
III.07	75	115	435	625	625	88	467	0	555	555	-70	-70
IV.07	31	185	399	615	615	164	381	1	546	546	-69	-69
V.07	25	174	85	284	284	132	209	69	410	410	126	126
VI.07	38	182	27	247	247	101	156	114	371	371	124	124
VII.07	17	283	194	494	494	147	219	12	378	378	-116	-116
VIII.07	12	344	45	401	401	146	124	78	348	348	-53	-53
IX.07	5	298	212	515	515	198	266	5	469	469	-46	-46
X.07	19	25	303	347	347	174	545	5	724	724	377	377
XI.07	71	35	483	589	589	75	640	0	715	715	126	126
XII.07	83	79	425	587	587	61	515	9	585	585	-2	-2
2007	**579**	**1868**	**3233**	**5680**	**5680**	**1432**	**4379**	**295**	**6106**	**6106**	**426**	**426**

[1] These physical energy flows were measured on the cross-frontier transmission lines (≥110 kV). These values may differ from the official statistics and the total physical balance in the table "Monthly values: Operation".

Slovenia

Monthly values / Operation

				I-XII
Thermal nuclear net production	GWh	Σ	1997	n.a.
			2006	5281
			2007	5421
Thermal conventional net production	GWh	Σ	1997	n.a.
			2006	4727
			2007	4816
Hydraulic net production	GWh	Σ	1997	n.a.
			2006	3121
			2007	2814
Other renewable net production [1]	GWh	Σ	2006	0
			2007	0
- of which wind	GWh	Σ	2006	0
			2007	0
Not clearly identifiable net production [1]	GWh	Σ	2006	0
			2007	0
Total net electrical energy production, calculated to represent 100% of the national values	GWh	Σ	1997	n.a.
			2006 [3]	13129
			2007 [3]	13051
Physical import	GWh	Σ	1997	n.a.
			2006	7716
			2007	6106
Physical export	GWh	Σ	1997	n.a.
			2006	7487
			2007	5680
Total physical import/export balance [2]	GWh	Σ	1997	n.a.
			2006	202
			2007	397
Consumption of pumps	GWh	Σ	1997	n.a.
			2006	0
			2007	0
National electrical consumption, calculated to represent 100% of the national values	GWh	Σ	1997	n.a.
			2006	13331
			2007	13448
Consumption load 3:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1997	n.a.
			2006	1420
			2007	1407
Consumption load 11:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1997	n.a.
			2006	2045
			2007	2057
Highest load on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1997	n.a.
			2006	2166
			2007	2173
Time of highest load on the 3rd Wednesday		CET	1997	n.a.
			2006	19:00
			2007	18:00
Power produced in parallel operation on the 3rd Wednesday at 11:00 a.m.	MW	max.	1997	n.a.
			2006	2082

[1] Before 2005, the information on renewable and not identifiable energy sources was collected in a different manner. Some countries added them to thermal conventional, some considered them as the part of not represented in the figures (through the factor "representativity").

I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
483	448	479	107	253	493	491	505	495	513	496	518
518	469	517	487	500	482	497	495	491	80	369	516
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
469	415	389	313	373	393	424	320	351	426	463	391
480	418	472	349	237	266	445	407	380	430	447	485
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
146	153	271	380	454	354	260	287	230	221	160	205
164	176	250	280	252	237	295	226	275	267	216	176
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
1098	1016	1139	800	1080	1240	1175	1112	1076	1160	1119	1114
1162	1063	1239	1116	989	985	1237	1128	1146	777	1032	1177
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
773	722	751	938	688	582	602	464	442	603	556	595
554	451	555	546	410	371	378	348	469	724	715	585
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	0	n.a.	n.a.	n.a.
654	645	713	730	700	726	656	554	421	621	517	550
530	446	625	615	284	247	494	401	515	347	589	587
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
119	75	36	204	-13	-147	-58	-90	17	-21	35	45
21	1	-73	-73	125	123	-116	-55	-47	373	123	-5
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
1217	1091	1175	1004	1067	1093	1117	1022	1093	1139	1154	1159
1183	1064	1166	1043	1114	1108	1121	1073	1099	1150	1155	1172
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
1420	1414	1344	1174	1203	1370	1312	1023	1208	1273	1363	1376
1308	1330	1360	1261	1322	1355	1370	1193	1241	1317	1365	**1407**
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
2045	1996	1946	1789	1776	1926	1863	1606	1836	1894	1916	1993
1998	1925	1917	1793	1887	1937	1940	1433	1871	1927	2047	**2057**
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
2128	2124	2040	1830	1822	1988	1931	1670	1973	2089	2136	**2166**
2049	2032	2121	1898	1930	2022	2018	1496	1958	2060	**2173**	2168
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
19:00	19:00	20:00	09:00	14:00	15:00	13:00	13:00	20:00	20:00	19:00	**19:00**
19:00	19:00	20:00	21:00	12:00	13:00	12:00	22:00	21:00	20:00	**18:00**	19:00
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
1837	1789	1890	1382	1880	**2082**	1915	1842	2049	1877	1716	1743

[2] Terminology 2.15, see also note Physical energy exchange in interconnected operation

[3] including deliveries from industry

Slovak Republic

Monthly values / Operation

				I-XII
Thermal nuclear net production	GWh	Σ	1997	n.a.
			2006	16631
			2007	14181
Thermal conventional net production	GWh	Σ	1997	n.a.
			2006	5409
			2007	7080
Hydraulic net production	GWh	Σ	1997	n.a.
			2006	4401
			2007	4511
Other renewable net production [1]	GWh	Σ	2006	10
			2007	308
- of which wind	GWh	Σ	2006	3
			2007	5
Not clearly identifiable net production [1]	GWh	Σ	2006	2591
			2007	0
Total net electrical energy production, calculated to represent 100% of the national values	GWh	Σ	1997	n.a.
			2006 [3]	29042
			2007 [3]	26080
Physical import	GWh	Σ	1997	n.a.
			2006	9325
			2007	13582
Physical export	GWh	Σ	1997	n.a.
			2006	10925
			2007	11856
Total physical import/export balance [2]	GWh	Σ	1997	n.a.
			2006	-1602
			2007	1726
Consumption of pumps	GWh	Σ	1997	n.a.
			2006	232
			2007	225
National electrical consumption, calculated to represent 100% of the national values	GWh	Σ	1997	n.a.
			2006	27208
			2007	27581
Consumption load 3:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1997	n.a.
			2006	3573
			2007	3509
Consumption load 11:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1997	n.a.
			2006	4194
			2007	4277
Highest load on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1997	n.a.
			2006	4316
			2007	4418
Time of highest load on the 3rd Wednesday		CET	1997	n.a.
			2006	17:00
			2007	18:00
Power produced in parallel operation on the 3rd Wednesday at 11:00 a.m.	MW	max.	1997	n.a.
			2006	4379

[1] Before 2005, the information on renewable and not identifiable energy sources was collected in a different manner. Some countries added them to thermal conventional, some considered them as the part of not represented in the figures (through the factor "representativity").

I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
1679	1525	1595	1103	1252	1282	1254	1393	1150	1335	1392	1671
1422	1273	1421	1104	1246	1101	1135	1078	954	966	1130	1351
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
730	527	513	374	312	271	395	310	388	535	503	551
647	620	642	592	540	487	465	521	494	707	682	683
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
270	285	422	643	545	559	349	348	248	185	324	223
391	409	537	369	343	317	306	271	418	342	375	433
1	0	1	1	1	1	0	1	1	1	1	1
26	24	25	25	25	23	24	21	30	28	27	30
1	0	0	0	0	0	0	0	0	0	1	1
1	1	1	0	1	0	0	0	0	0	1	0
252	222	242	236	213	207	191	188	201	182	211	246
0	0	0	0	0	0	0	0	0	0	0	0
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
2932	2559	2773	2357	2323	2320	2189	2240	1988	2238	2431	2692
2486	2326	2625	2090	2154	1928	1930	1891	1896	2043	2214	2497
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
860	835	683	574	574	522	594	628	772	1034	1063	1186
1431	1195	1063	1054	1023	953	1051	1110	1171	1256	1128	1147
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	0	n.a.	n.a.	n.a.
1145	990	923	742	772	762	684	788	687	1000	1074	1358
1340	1203	1231	967	980	781	857	914	881	883	823	996
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
-285	-155	-241	-168	-198	-239	-90	-161	86	34	-12	-173
92	-8	-168	88	42	171	193	197	290	373	304	152
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
24	27	28	21	15	11	17	15	17	20	20	17
22	21	23	19	19	10	21	15	11	19	20	25
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
2623	2377	2504	2168	2110	2070	2082	2064	2057	2252	2399	2502
2556	2297	2434	2159	2177	2089	2102	2073	2175	2397	2498	2624
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
3573	3413	3332	2834	2698	2738	2729	2500	2693	2886	3173	3261
3224	3191	3060	2795	2721	2890	2730	2607	2769	3032	3283	**3509**
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
4194	4017	3876	3338	3342	3336	3378	3189	3326	3565	3817	4050
4007	3857	3826	3572	3385	3478	3493	3275	3471	3652	4012	**4277**
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
4316	4180	4081	3495	3389	3440	3430	3270	3435	3930	4076	4254
4189	4003	3982	3642	3415	3546	3543	3342	3662	3867	4238	**4418**
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
17:00	19:00	19:00	21:00	13:00	13:00	13:00	13:00	10:00	19:00	17:00	17:00
17:00	19:00	19:00	20:00	13:00	13:00	13:00	14:00	20:00	20:00	18:00	**18:00**
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
4379	4175	4018	3457	3368	3539	3218	3318	2953	3307	3847	4023

[2] Terminology 2.15, see also note Physical energy exchange in interconnected operation

[3] including deliveries from industry

Physical exchanges in interconnected operation [1]

Slovak Republic | GWh

MM_YY	SK→CZ	SK→HU	SK→PL	SK→UA_W	UCTE_EXP	Total_EXP	CZ→SK	HU→SK	PL→SK	UA_W→SK	UCTE_IMP	Total_IMP	SK_UCTE	SK_Total
	Export (-)						Import (+)						Balance	
I.97	n.a.	n.a.	n.a.	n.a.	0	n.a.	n.a.	n.a.	n.a.	n.a.	0	n.a.	0	n.a.
II.97	n.a.	n.a.	n.a.	n.a.	0	n.a.	n.a.	n.a.	n.a.	n.a.	0	n.a.	0	n.a.
III.97	n.a.	n.a.	n.a.	n.a.	0	n.a.	n.a.	n.a.	n.a.	n.a.	0	n.a.	0	n.a.
IV.97	n.a.	n.a.	n.a.	n.a.	0	n.a.	n.a.	n.a.	n.a.	n.a.	0	n.a.	0	n.a.
V.97	n.a.	n.a.	n.a.	n.a.	0	n.a.	n.a.	n.a.	n.a.	n.a.	0	n.a.	0	n.a.
VI.97	n.a.	n.a.	n.a.	n.a.	0	n.a.	n.a.	n.a.	n.a.	n.a.	0	n.a.	0	n.a.
VII.97	n.a.	n.a.	n.a.	n.a.	0	n.a.	n.a.	n.a.	n.a.	n.a.	0	n.a.	0	n.a.
VIII.97	n.a.	n.a.	n.a.	n.a.	0	n.a.	n.a.	n.a.	n.a.	n.a.	0	n.a.	0	n.a.
IX.97	n.a.	n.a.	n.a.	n.a.	0	n.a.	n.a.	n.a.	n.a.	n.a.	0	n.a.	0	n.a.
X.97	n.a.	n.a.	n.a.	n.a.	0	n.a.	n.a.	n.a.	n.a.	n.a.	0	n.a.	0	n.a.
XI.97	n.a.	n.a.	n.a.	n.a.	0	n.a.	n.a.	n.a.	n.a.	n.a.	0	n.a.	0	n.a.
XII.97	n.a.	n.a.	n.a.	n.a.	0	n.a.	n.a.	n.a.	n.a.	n.a.	0	n.a.	0	n.a.
1997	**n.a.**	**n.a.**	**n.a.**	**n.a.**	**0**	**n.a.**	**n.a.**	**n.a.**	**n.a.**	**n.a.**	**0**	**n.a.**	**0**	**n.a.**
I.06	107	813	0	225	920	1145	495	0	361	4	856	860	-64	-285
II.06	69	739	0	182	808	990	445	0	385	5	830	835	22	-155
III.06	97	699	0	127	796	923	371	0	307	5	678	683	-118	-240
IV.06	63	615	0	64	678	742	287	0	281	6	568	574	-110	-168
V.06	80	604	0	88	684	772	316	0	250	8	566	574	-118	-198
VI.06	49	650	0	63	699	762	317	0	199	6	516	522	-183	-240
VII.06	39	586	4	55	629	684	408	0	159	27	567	594	-62	-90
VIII.06	34	696	0	58	730	788	597	0	19	12	616	628	-114	-160
IX.06	6	554	0	127	560	687	457	0	310	5	767	772	207	85
X.06	29	759	0	212	788	1000	627	0	402	5	1029	1034	241	34
XI.06	14	824	0	236	838	1074	743	0	315	5	1058	1063	220	-11
XII.06	25	1053	0	280	1078	1358	794	0	386	6	1180	1186	102	-172
2006	**612**	**8592**	**4**	**1717**	**9208**	**10925**	**5857**	**0**	**3374**	**94**	**9231**	**9325**	**23**	**-1600**
I.07	1	1010	0	329	1011	1340	1040	0	385	6	1425	1431	414	91
II.07	4	897	0	302	901	1203	819	0	371	5	1190	1195	289	-8
III.07	21	985	0	225	1006	1231	743	0	315	5	1058	1063	52	-168
IV.07	6	597	0	364	603	967	754	0	296	4	1050	1054	447	87
V.07	6	812	0	162	818	980	780	0	239	4	1019	1023	201	43
VI.07	7	637	0	137	644	781	735	0	213	5	948	953	304	172
VII.07	0	724	0	133	724	857	812	0	235	4	1047	1051	323	194
VIII.07	1	700	0	213	701	914	912	0	194	4	1106	1110	405	196
IX.07	2	610	0	269	612	881	822	0	345	4	1167	1171	555	290
X.07	0	671	0	212	671	883	955	0	296	5	1251	1256	580	373
XI.07	1	635	0	187	636	823	739	0	383	6	1122	1128	486	305
XII.07	4	780	0	212	784	996	814	0	327	6	1141	1147	357	151
2007	**53**	**9058**	**0**	**2745**	**9111**	**11856**	**9925**	**0**	**3599**	**58**	**13524**	**13582**	**4413**	**1726**

[1] These physical energy flows were measured on the cross-frontier transmission lines (≥110 kV). These values may differ from the official statistics and the total physical balance in the table "Monthly values: Operation".

Physical exchanges in interconnected operation [1]

Ukraine West | GWh

MM_YY	UA_W→HU	UA_W→RO	UA_W→SK	UCTE_EXP	Total_EXP	HU→UA_W	RO→UA_W	SK→UA_W	UCTE_IMP	Total_IMP	UA_W_UCTE	UA_W_Total
	Export (-)					Import (+)					Balance	
I.97	n.a.	n.a.	n.a.	0	n.a.	n.a.	n.a.	n.a.	0	n.a.	0	n.a.
II.97	n.a.	n.a.	n.a.	0	n.a.	n.a.	n.a.	n.a.	0	n.a.	0	n.a.
III.97	n.a.	n.a.	n.a.	0	n.a.	n.a.	n.a.	n.a.	0	n.a.	0	n.a.
IV.97	n.a.	n.a.	n.a.	0	n.a.	n.a.	n.a.	n.a.	0	n.a.	0	n.a.
V.97	n.a.	n.a.	n.a.	0	n.a.	n.a.	n.a.	n.a.	0	n.a.	0	n.a.
VI.97	n.a.	n.a.	n.a.	0	n.a.	n.a.	n.a.	n.a.	0	n.a.	0	n.a.
VII.97	n.a.	n.a.	n.a.	0	n.a.	n.a.	n.a.	n.a.	0	n.a.	0	n.a.
VIII.97	n.a.	n.a.	n.a.	0	n.a.	n.a.	n.a.	n.a.	0	n.a.	0	n.a.
IX.97	n.a.	n.a.	n.a.	0	n.a.	n.a.	n.a.	n.a.	0	n.a.	0	n.a.
X.97	n.a.	n.a.	n.a.	0	n.a.	n.a.	n.a.	n.a.	0	n.a.	0	n.a.
XI.97	n.a.	n.a.	n.a.	0	n.a.	n.a.	n.a.	n.a.	0	n.a.	0	n.a.
XII.97	n.a.	n.a.	n.a.	0	n.a.	n.a.	n.a.	n.a.	0	n.a.	0	n.a.
1997	**n.a.**	**n.a.**	**n.a.**	**0**	**n.a.**	**n.a.**	**n.a.**	**n.a.**	**0**	**n.a.**	**0**	**n.a.**
I.06	498	72	4	574	574	0	0	225	225	225	-349	-349
II.06	447	49	5	501	501	0	1	182	183	183	-318	-318
III.06	426	49	5	480	480	0	1	127	128	128	-352	-352
IV.06	380	28	6	414	414	2	9	64	75	75	-339	-339
V.06	413	47	8	468	468	2	0	88	90	90	-378	-378
VI.06	347	62	6	415	415	3	2	63	68	68	-347	-347
VII.06	181	106	27	314	314	4	0	55	59	59	-255	-255
VIII.06	344	43	12	399	399	0	11	58	69	69	-330	-330
IX.06	470	40	5	515	515	0	22	127	149	149	-366	-366
X.06	475	84	5	564	564	0	1	212	213	213	-351	-351
XI.06	425	146	5	576	576	2	0	236	238	238	-338	-338
XII.06	445	167	6	618	618	0	0	280	280	280	-338	-338
2006	**4851**	**893**	**94**	**5838**	**5838**	**13**	**47**	**1717**	**1777**	**1777**	**-4061**	**-4061**
I.07	361	283	6	650	650	6	0	329	335	335	-315	-315
II.07	370	235	5	610	610	0	0	302	302	302	-308	-308
III.07	318	276	5	599	599	32	0	225	257	257	-342	-342
IV.07	414	280	4	698	698	2	0	364	366	366	-332	-332
V.07	216	226	4	446	446	3	0	162	165	165	-281	-281
VI.07	257	191	5	453	453	2	0	137	139	139	-314	-314
VII.07	330	190	4	524	524	5	0	133	138	138	-386	-386
VIII.07	324	281	4	609	609	8	0	213	221	221	-388	-388
IX.07	308	249	4	561	561	14	0	269	283	283	-278	-278
X.07	362	185	5	552	552	12	0	212	224	224	-328	-328
XI.07	335	197	6	538	538	7	0	187	194	194	-344	-344
XII.07	320	255	6	581	581	16	0	212	228	228	-353	-353
2007	**3915**	**2848**	**58**	**6821**	**6821**	**107**	**0**	**2745**	**2852**	**2852**	**-3969**	**-3969**

[1] These physical energy flows were measured on the cross-frontier transmission lines (≥110 kV). These values may differ from the official statistics and the total physical balance in the table "Monthly values: Operation".

Ukraine West

Monthly values / Operation

				I-XII
Thermal nuclear net production	GWh	Σ	1997	n.a.
			2006	0
			2007	0
Thermal conventional net production	GWh	Σ	1997	n.a.
			2006	8274
			2007	8096
Hydraulic net production	GWh	Σ	1997	n.a.
			2006	128
			2007	145
Other renewable net production [1]	GWh	Σ	2006	0
			2007	0
- of which wind	GWh	Σ	2006	0
			2007	0
Not clearly identifiable net production [1]	GWh	Σ	2006	0
			2007	0
Total net electrical energy production, calculated to represent 100% of the national values	GWh	Σ	1997	n.a.
			2006 [3]	8402
			2007	8241
Physical import	GWh	Σ	1997	n.a.
			2006	1777
			2007	2852
Physical export	GWh	Σ	1997	n.a.
			2006	5838
			2007	6821
Total physical import/export balance [2]	GWh	Σ	1997	n.a.
			2006	-4074
			2007	-3970
Consumption of pumps	GWh	Σ	1997	n.a.
			2006	0
			2007	0
National electrical consumption, calculated to represent 100% of the national values	GWh	Σ	1997	n.a.
			2006	4328
			2007	4271
Consumption load 3:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1997	n.a.
			2006	712
			2007	650
Consumption load 11:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1997	n.a.
			2006	887
			2007	828
Highest load on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1997	n.a.
			2006	969
			2007	917
Time of highest load on the 3rd Wednesday		CET	1997	n.a.
			2006	17:00
			2007	18:00
Power produced in parallel operation on the 3rd Wednesday at 11:00 a.m.	MW	max.	1997	n.a.
			2006	1399

[1] Before 2005, the information on renewable and not identifiable energy sources was collected in a different manner. Some countries added them to thermal conventional, some considered them as the part of not represented in the figures (through the factor "representativity").

I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
805	729	783	674	667	630	568	616	654	685	712	751
719	674	695	644	574	599	691	694	565	688	752	801
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
6	6	9	19	18	18	8	11	11	5	11	6
15	17	20	14	17	7	11	5	14	10	4	11
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
811	735	792	693	685	648	576	627	665	690	723	757
734	691	715	658	591	606	702	699	579	698	756	812
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
225	183	128	75	90	68	59	69	149	213	238	280
335	302	257	366	165	139	138	221	283	224	194	228
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	0	n.a.	n.a.	n.a.
574	501	480	414	468	415	314	399	515	564	576	618
650	610	599	698	446	453	524	609	561	552	538	581
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
-348	-318	-352	-339	-378	-346	-255	-344	-366	-351	-339	-338
-315	-308	-342	-332	-281	-314	-386	-388	-279	-328	-344	-353
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
463	417	440	354	307	302	321	283	299	339	384	419
419	383	373	326	310	292	316	311	300	370	412	459
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
691	**712**	631	520	446	484	478	430	445	519	570	586
584	593	521	468	424	455	453	456	441	540	610	**650**
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
887	847	778	674	605	598	600	572	593	654	716	740
762	738	726	599	556	618	600	643	587	675	762	**828**
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
969	944	914	774	640	651	654	667	717	834	876	923
917	865	815	741	658	635	671	709	695	831	869	890
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
17:00	18:00	19:00	20:00	19:00	21:00	21:00	21:00	20:00	19:00	16:00	17:00
18:00	19:00	19:00	20:00	21:00	21:00	21:00	21:00	20:00	19:00	17:00	17:00
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
1399	1339	1272	1254	1154	1153	964	1121	1143	1170	1180	1252

[2] Terminology 2.15, see also note Physical energy exchange in interconnected operation [3] including deliveries from industry

				I-XII
Thermal nuclear net production	GWh	Σ	1997	665210
			2006	801869
			2007	759358
Thermal conventional net production	GWh	Σ	1997	792047
			2006	1354264
			2007	1402158
Hydraulic net production	GWh	Σ	1997	272041
			2006	305447
			2007	294233
Other renewable net production [1]	GWh	Σ	2006	106132
			2007	135222
- of which wind	GWh	Σ	2006	67964
			2007	87454
Not clearly identifiable net production [1]	GWh	Σ	2006	9671
			2007	8041
Total net electrical energy production, calculated to represent 100% of the national values	GWh	Σ	1997 [3]	1861259
			2006 [3]	2584930
			2007 [3]	2607069
Physical import	GWh	Σ	1997	160116
			2006	313748
			2007	326215
Physical export	GWh	Σ	1997	170278
			2006	320083
			2007	325257
Total physical import/export balance [2]	GWh	Σ	1997	-10254
			2006	-8763
			2007	-1450
Consumption of pumps	GWh	Σ	1997	26095
			2006	44675
			2007	41655
National electrical consumption, calculated to represent 100% of the national values	GWh	Σ	1997	1824910
			2006	2531492
			2007	2563964
Consumption load 3:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1997	213173
			2006	276717
			2007	298321
Consumption load 11:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1997	280158
			2006	376598
			2007	394676
Highest load on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1997	286528
			2006	391690
			2007	411018
Time of highest load on the 3rd Wednesday		CET	1997	18:00
			2006	18:00
			2007	18:00
Power produced in parallel operation on the 3rd Wednesday at 11:00 a.m.	MW	max.	1997	273557
			2006	376406

[1] Before 2005, the information on renewable and not identifiable energy sources was collected in a different manner. Some countries added them to thermal conventional, some considered them as the part of not represented in the figures (through the factor "representativity").

I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
62830	55317	57701	57891	53667	49076	50832	49600	51397	57398	58589	60912
78433	67662	69125	65809	63274	62090	62612	62646	63205	66611	66785	73617
73886	65695	67697	59950	59538	56632	57294	57968	59188	65169	64560	71781
75533	66082	66025	64781	57860	58515	60807	56858	65804	74199	73039	72544
137865	127787	126862	95928	95786	101851	112849	99900	105599	109981	118457	121399
128460	116036	119640	105533	103308	107086	113349	107116	109218	125315	132609	134488
29281	21366	20553	18985	23460	25468	26935	22102	19466	17914	20479	26032
23039	20716	28537	30240	31693	28122	26588	23533	22313	22284	22655	25727
22700	23935	28198	23936	26926	29715	28889	24324	21944	21271	20471	21924
9045	7912	9832	8094	8752	6372	5837	8404	7703	10481	11697	12003
15122	11180	12902	8476	10253	8973	11020	10280	11115	9168	13504	13229
6082	5095	6727	5068	5693	3181	2834	5212	4553	6859	8198	8462
11579	7815	9158	4774	6441	5031	6759	5961	6887	4904	9182	8963
661	600	283	901	1003	950	820	942	852	840	977	842
787	507	649	655	752	598	701	574	762	618	863	575
180401	153838	155540	152439	145149	143016	148779	138298	146757	161079	163999	171964
249761	225328	235294	201507	201109	200010	209390	196041	200334	210832	221144	234180
241674	217978	229734	199108	201435	203653	211951	200923	202872	222197	232773	242771
13448	12460	13519	13312	13266	12899	13135	11943	13062	14304	14121	14647
27905	26291	27394	25876	24671	24634	24030	23001	24123	27315	28061	30447
30899	26722	29779	26849	25259	24326	26817	26211	25557	27115	27580	29101
14366	13320	14543	14087	14123	13720	14165	13212	13672	15166	14790	15114
27485	25428	27734	27361	25398	25154	24359	24911	25083	28310	28531	30329
30838	26983	29719	25673	24470	24511	26688	26358	26201	27237	27430	29149
-809	-752	-1367	-771	-821	-731	-1064	-1256	-603	-818	-646	-616
172	532	-584	-1653	-979	-670	-509	-2052	-1112	-1142	-665	-101
-665	-848	-332	1259	1165	462	218	-368	-945	-509	-319	-568
1905	1592	1767	1940	2458	2347	2570	2221	2250	2328	2345	2372
4194	3679	3609	3386	3817	3414	3787	3548	3709	3978	3751	3803
3829	3327	3233	3185	3546	3213	3339	3108	3248	3689	3910	4028
177687	151494	152406	149728	141870	139938	145145	134821	143904	157933	161008	168976
245739	222181	231101	196468	196313	195926	205094	190441	195513	205712	216728	230276
237180	213803	226169	197182	199054	200902	208830	197447	198679	217999	228544	238175
211784	185050	169234	175419	154700	155355	156225	145209	155374	166107	181758	**213173**
275430	274487	273662	230307	217536	227008	229905	193074	219197	230120	243381	**276717**
263560	262012	267642	227852	227469	232260	236708	210101	231171	238112	267273	**298321**
274058	259378	247371	246647	238370	239222	238613	218921	240971	252826	259481	**280158**
376598	372210	357322	323294	316757	331313	331412	280087	320558	330988	340403	374191
369203	359293	360622	326363	326866	339158	341514	266325	331518	339605	368921	**394676**
276699	260410	247372	246738	239730	240915	240687	223314	240972	253086	266478	**286528**
383308	379055	359610	323294	319446	335209	335792	285221	323394	339216	360153	**391690**
381284	367209	369562	327524	328651	342413	345258	272283	332416	349548	383812	**411018**
19:00	19:00	11:00	11:00	12:00	12:00	12:00	12:00	11:00	11:00	19:00	**18:00**
19:00	19:00	20:00	11:00	12:00	12:00	12:00	12:00	12:00	20:00	19:00	**18:00**
19:00	19:00	20:00	12:00	12:00	12:00	12:00	13:00	12:00	20:00	18:00	**18:00**
265631	251377	240663	243128	234772	236600	234638	215444	234816	248586	254257	**273557**
376406	368743	359512	327678	325456	334156	336367	293024	328986	335817	341302	374461

[2] Terminology 2.15, see also note Physical energy exchange in interconnected operation

[3] including deliveries from industry

[4] Ukraine West is not part of UCTE values; from June 2007 including Denmark West values

Annual physical electricity exchange in interconnected operation (GWh)

IMPORTING COUNTRIES

EXPORTING COUNTRIES	Year	AT	BA	BE	BG	CH	CS	CZ	DE	DK_W	ES	FR	GR	HR	HU
AT	1997					2091		88	3653						324
	2006					7304		23	5842						465
	2007					8222		40	4511						1457
BA	1997						n.a.							n.a.	
	2006						1476							3647	
	2007													1702	
BE	1997											805			
	2006											1981			
	2007											2321			
BG	1997						660						1452		
	2006						2837						4468		
	2007												4297		
CH	1997	417							5097			461			
	2006	82							2917			2156			
	2007	37							3105			2648			
CS	1997		n.a.		129									32	0
	2006		2341		0									3005	53
	2007														
CZ	1997	2608							3174						
	2006	6139							12054						
	2007	6988							9421						
DE	1997	5806				8135		1396		n.a.		61			
	2006	14799				13694		647		2077		838			
	2007	16132				15026		886		680		729			
DK_W	1997								n.a.						
	2006								4223						
	2007								5905						
ES	1997											2068			
	2006											1479			
	2007											1113			
FR	1997			6321		9362			16540		2114				
	2006			10644		11322			16172		5910				
	2007			8346		10442			16434		6621				
GR	1997				26										
	2006				0										
	2007				0										
HR	1997		n.a.				0								0
	2006		674				31								1
	2007		1175												0
HU	1997	759					456							88	
	2006	1062					1520							5561	
	2007	243												6536	
IT	1997	0				18						360	0		
	2006	3				422						726	455		
	2007	0				66						1154	1131		
LU	1997			0					848						
	2006			2482					804						
	2007			2084					802						
ME	1997														
	2006														
	2007		163												
MK	1997				n.a.		n.a.						1361		
	2006				0		0						1202		
	2007				0								904		
NL	1997			3536					1572						
	2006			5603					283						
	2007			5268					300						
PL	1997							n.a.	966						
	2006							10181	722						
	2007							9230	48						
PT	1997										2480				
	2006										3183				
	2007										2154				
RO	1997				n.a.		398								n.a.
	2006				1138		3262								1437
	2007				3057										250
RS	1997														
	2006														
	2007		2405		0									1791	0
SI	1997	46												n.a.	
	2006	1062												1036	
	2007	579												1868	
SK	1997							n.a.							n.a.
	2006							612							8592
	2007							53							9058
UA_W	1997														n.a.
	2006														4851
	2007														3915
UCTE	1997	6269	n.a.	9857	n.a.	19606	n.a.	1484	27710	n.a.	4594	3755	1361	n.a.	324
	2006	23147	3015	18729	1138	32742	9126	11463	38794	2077	9093	7180	6125	13249	10548
	2007	23979	1175	15698	3057	33756		10209	37917	680	8775	7965	6332	11897	10765
Third countries	1997	3367	n.a.	0	n.a.	0	n.a.	n.a.	8168	n.a.	2	0	1534	n.a.	n.a.
	2006	0	0	0	0	0	613	0	7346	1716	27	899	26	0	4851
	2007	0	2568	0	0	0	0	0	6353	5591	21	2395	89	0	3915
Total Import	1997	9636	n.a.	9857	n.a.	19606	n.a.	n.a.	35878	n.a.	4596	3755	2895	n.a.	n.a.
	2006	23147	3015	18729	1138	32742	9739	11463	46140	3793	9120	8079	6151	13249	15399
	2007	23979	3743	15698	3057	33756		10209	44270	6271	8796	10360	6421	11897	14680
UCTE Balance	1997	-3020	n.a.	3154	n.a.	-6317	n.a.	-4298	-4214	n.a.	-2758	-47895	1334	n.a.	-979
	2006	7265	-2108	10032	-7737	3702	1598	-12629	-21202	-2146	-867	-51759	5168	5672	2376
	2007	6912	-3169	6660	-4463	-893		-16145	-23353	-5225	-1821	-49010	6051	6343	176
Total Balance	**1997**	**-65**	**n.a.**	**3154**	**n.a.**	**-6317**	**n.a.**	**n.a.**	**-2963**	**n.a.**	**-2888**	**-64539**	**2305**	**n.a.**	**n.a.**
	2006	**7265**	**-2108**	**10032**	**-7737**	**3702**	**1950**	**-12629**	**-19772**	**-4497**	**-2739**	**-61789**	**4215**	**5672**	**7214**
	2007	**6912**	**-601**	**6660**	**-4463**	**-893**		**-16145**	**-19115**	**-1773**	**-5302**	**-55105**	**4366**	**6343**	**3984**

IT	LU	ME	MK	NL	PL	PT	RO	RS	SI	SK	UA_W	UCTE	Third countries	Total Export
1607 1415 1405									1938 833 1432			9289 15882 17067	412 0 0	**9701** **15882** **17067**
		163						253				n.a. 5123 4344	n.a. 0 0	**n.a.** **5123** **4344**
	1673 1697 1630			4225 5019 5087								6703 8697 9038	0 0 0	**6703** **8697** **9038**
			n.a. 860 809				n.a. 710 412	2002				n.a. 8875 7520	n.a. 0 0	**n.a.** **8875** **7520**
19948 23885 28859												25923 29040 34649	0 0 0	**25923** **29040** **34649**
			n.a. 2126				650 3					n.a. 7528 0	n.a. 261 0	**n.a.** **7789** **0**
					n.a. 42 20					n.a. 5857 9925		5782 24092 26354	n.a. 0 0	**n.a.** **24092** **26354**
	4210 5134 5215			13712 22336 18063	4077 2548 4891							31924 59996 61270	6917 5916 2115	**38841** **65912** **63385**
												n.a. 4223 5905	n.a. 4067 2139	**n.a.** **8290** **8044**
						5284 8481 9483						7352 9960 10596	132 1899 3502	**7484** **11859** **14098**
17313 14891 15132												51650 58939 56975	16644 10929 8490	**68294** **69868** **65465**
0 945 170			27 12 111									27 957 281	563 979 1774	**590** **1936** **2055**
								0	n.a. 6871 4379			n.a. 7577 5554	n.a. 0 0	**n.a.** **7577** **5554**
							n.a. 29 380	3430		n.a. 0 0	n.a. 13 107	1303 8172 10589	n.a. 13 107	**n.a.** **8185** **10696**
									588 12 295			966 1618 2646	0 0 0	**966** **1618** **2646**
												848 3286 2886	0 0 0	**848** **3286** **2886**
								253				416	827	**1243**
								1				n.a. 1202 905	n.a. 0 0	**n.a.** **1202** **905**
												5108 5886 5568	0 0 0	**5108** **5886** **5568**
										n.a. 3374 3599		966 14277 12877	n.a. 1500 230	**n.a.** **15777** **13107**
												2480 3183 2154	0 0 0	**2480** **3183** **2154**
								2744			n.a. 47 0	398 5837 6051	n.a. 47 0	**n.a.** **5884** **6051**
		1615	2468				11					8290	279	**8569**
986 5389 3233												n.a. 7487 5680	n.a. 0 0	**n.a.** **7487** **5680**
					n.a. 4 0						n.a. 1717 2745	0 9208 9111	n.a. 1717 2745	**n.a.** **10925** **11856**
							n.a. 893 2848			n.a. 94 58		0 5838 6821	n.a. 0 0	**n.a.** **5838** **6821**
39854 46525 48799	5883 6831 6845	3891	n.a. 2998 3388	17937 27355 23150	4077 2594 4911	5284 8481 9483	650 742 803	8796	n.a. 7716 6106	0 9231 13524	0 1777 2852	n.a. 296822 292115	n.a. 23261 18963	**n.a.** **320083** **311078**
0 0 0	0 0 0	2	n.a. 0 0	0 0 0	n.a. 2177 2841	0 0 0	n.a. 893 3162	48	n.a. 0 0	n.a. 94 58	n.a. 0 0	n.a. 16926 21402		
39854 46525 48799	5883 6831 6845	3893	n.a. 2998 3388	17937 27355 23150	n.a. 4771 7752	5284 8481 9483	n.a. 1635 3965	8844	n.a. 7716 6106	n.a. 9325 13582	n.a. 1777 2852	n.a. 317541 328944		
38888 44907 46153	5035 3545 3959	3475	n.a. 1796 2483	12829 21469 17582	3111 -11683 -7966	2804 5298 7329	252 -5095 -5248	506	n.a. 229 426	0 23 4413	0 -4061 -3969			
38888 **44907** **46153**	**5035** **3545** **3959**	**2650**	**n.a.** **1796** **2483**	**12829** **21469** **17582**	**n.a.** **-11006** **-5355**	**2804** **5298** **7329**	**n.a.** **-4249** **-2086**	**275**	**n.a.** **229** **426**	**n.a.** **-1600** **1726**	**n.a.** **-4061** **-3969**			

2 LOAD VALUES

Load values [1]

II

HOURLY LOAD VALUES PER COUNTRY - GRAPHS AND TABLES

[1] All values are calculed to represent 100% of the national values

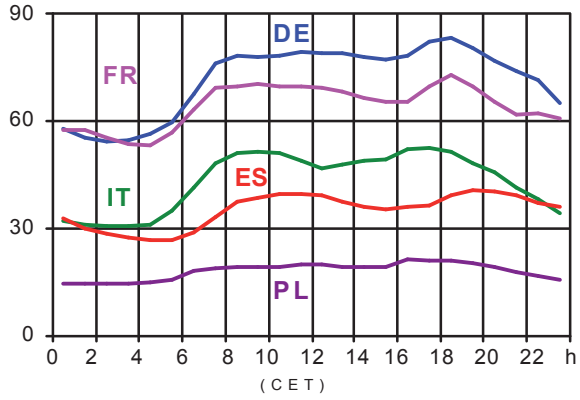
Load diagrams on the 3rd Wednesday

Tables on hourly load values on each 3rd Wednesday in 2007

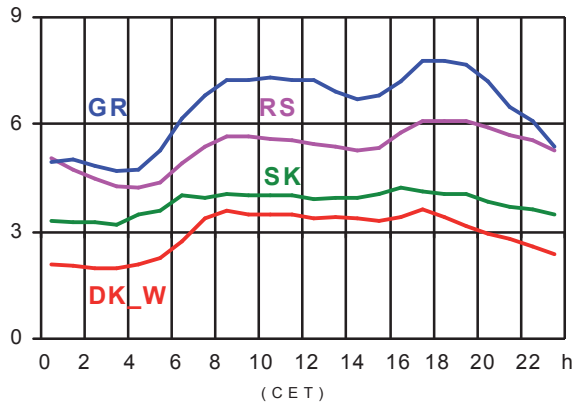
[2] The reported figures are best estimates based on actual measurements and extrapolations.
[3] Bulgarian hourly load are gross values
[4] Denmark West represents the Western part of Denmark synchronously interconnected with UCTE (Jutland and Funen)
[5] FYROM = Former Yugoslav Republic of Macedonia
[6] Average values of each hour.
[7] Ukraine West represents the so-called Burshtyn Island synchronously interconnected with UCTE

Load diagrams on the 3rd Wednesday in GW

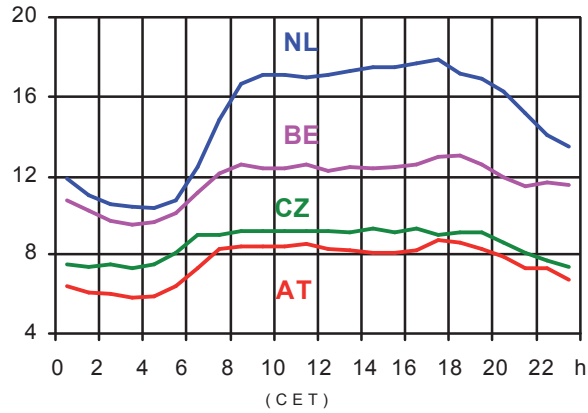
17.01.2007 (in GW)



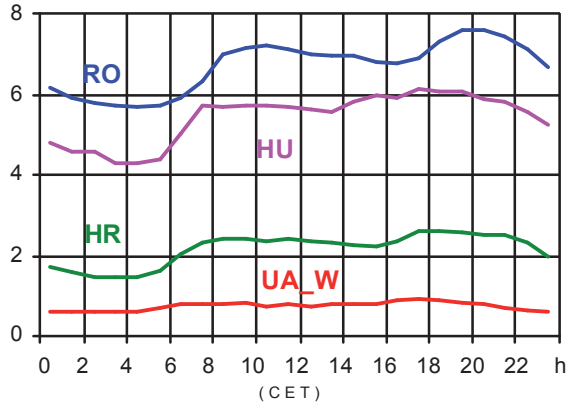
17.01.2007 (in GW)



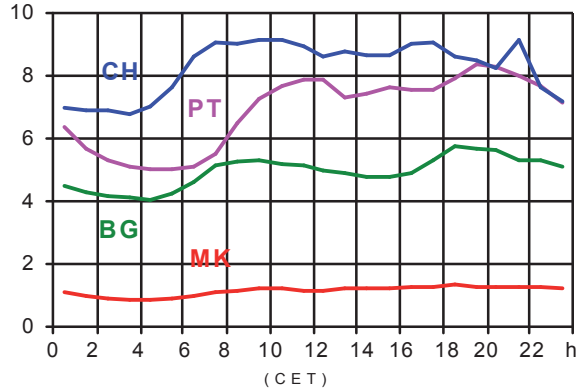
17.01.2007 (in GW)



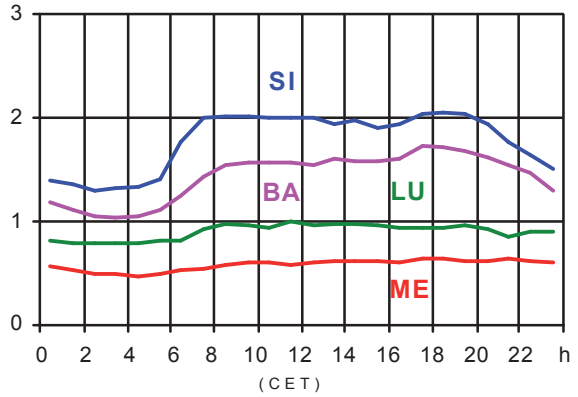
17.01.2007 (in GW)



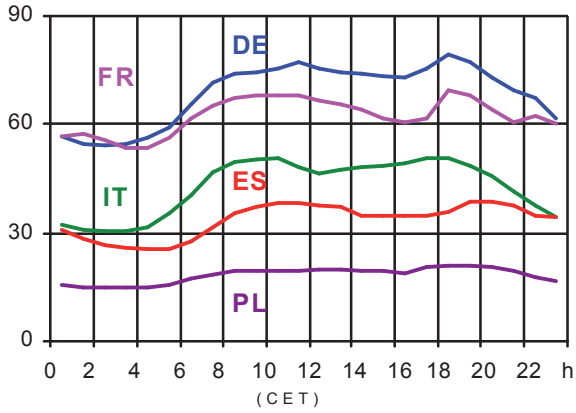
17.01.2007 (in GW)



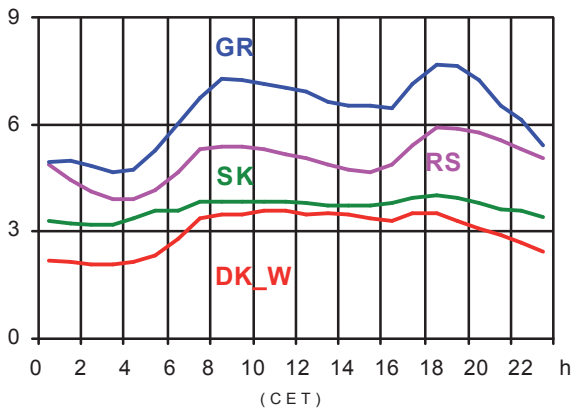
17.01.2007 (in GW)



21.02.2007 (in GW)



21.02.2007 (in GW)



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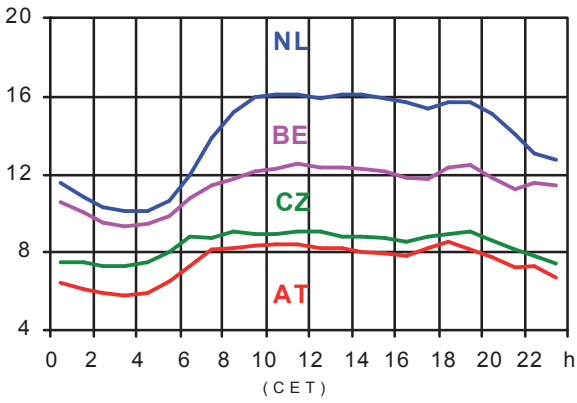

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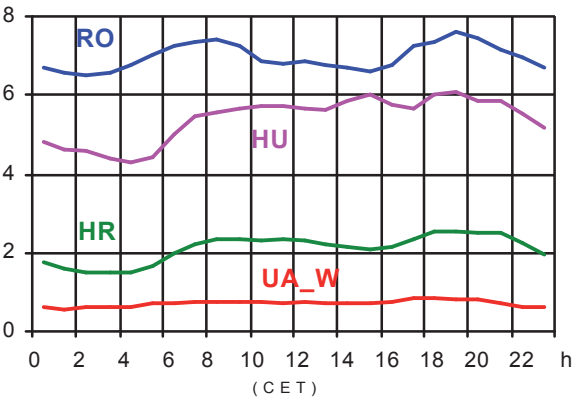

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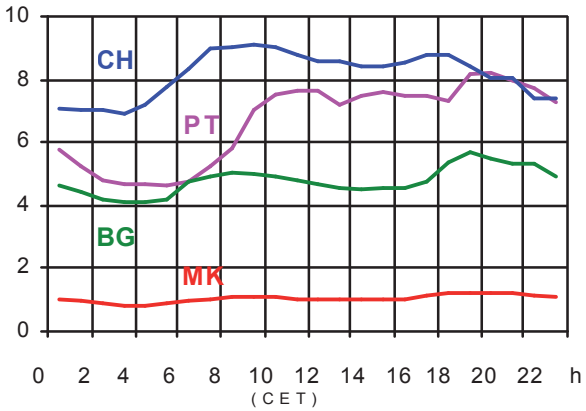

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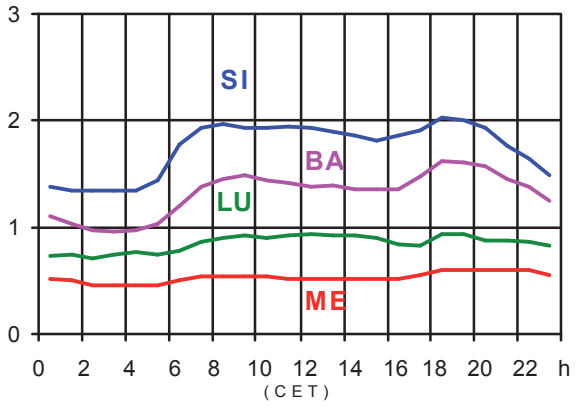

Load diagrams on the 3rd Wednesday in GW

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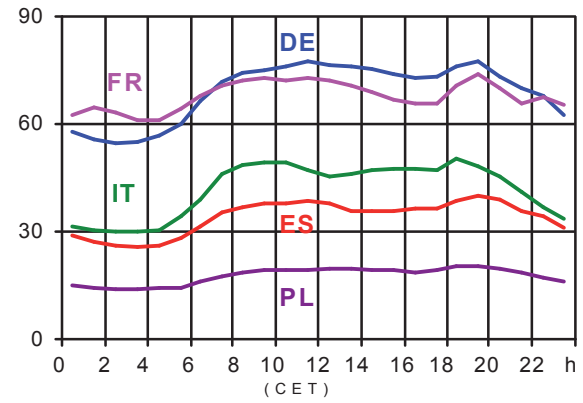

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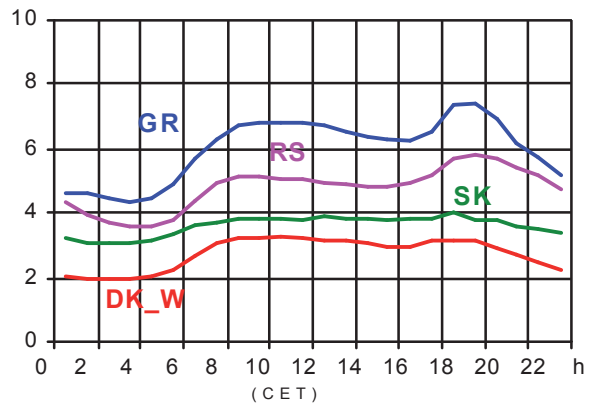

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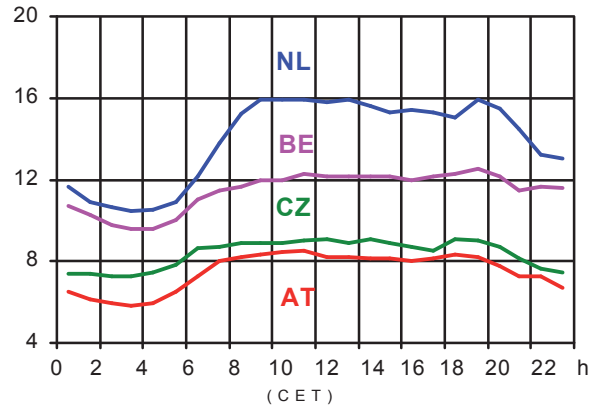

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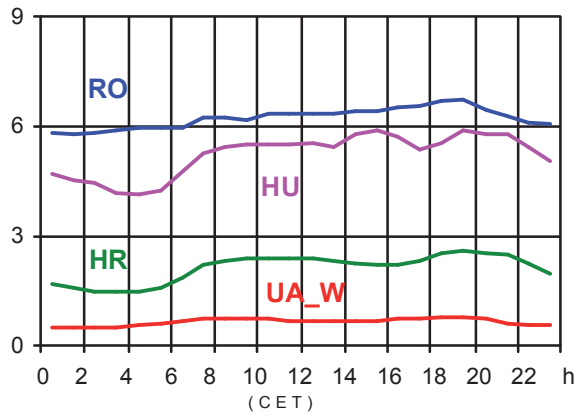

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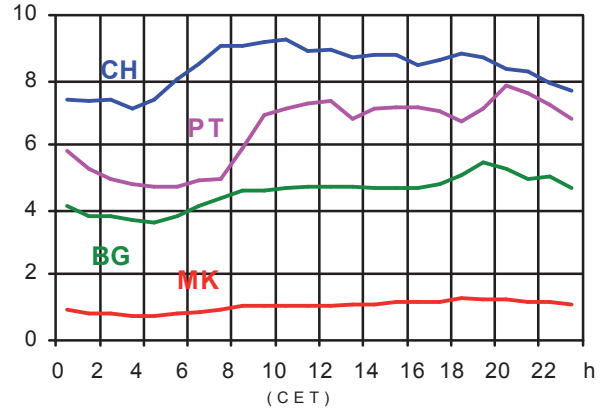

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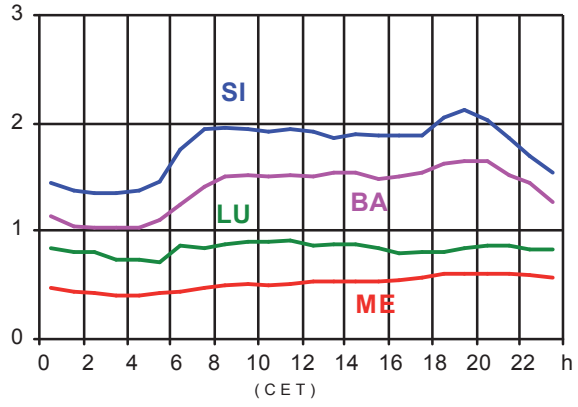

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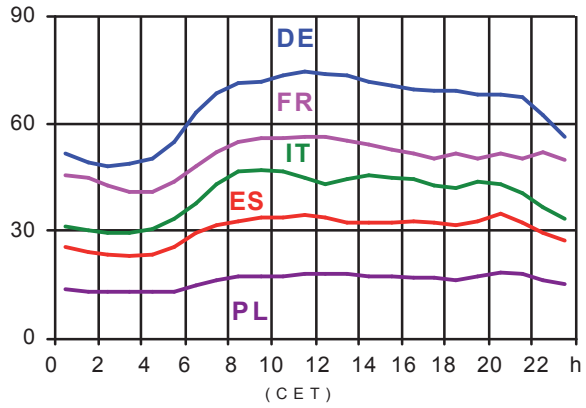

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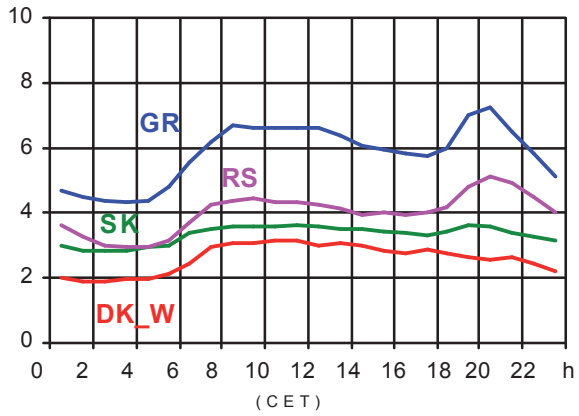

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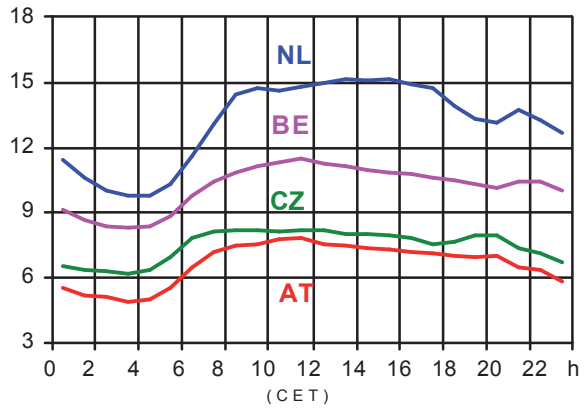

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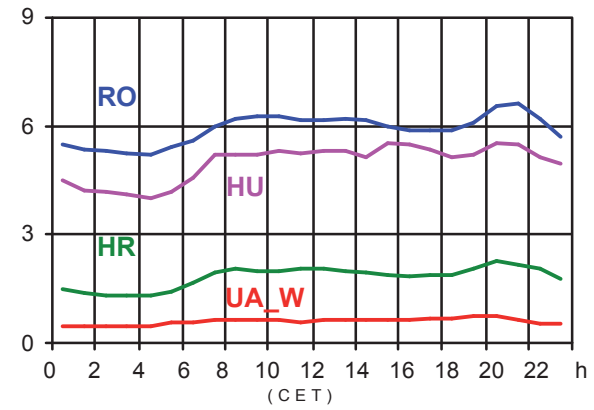

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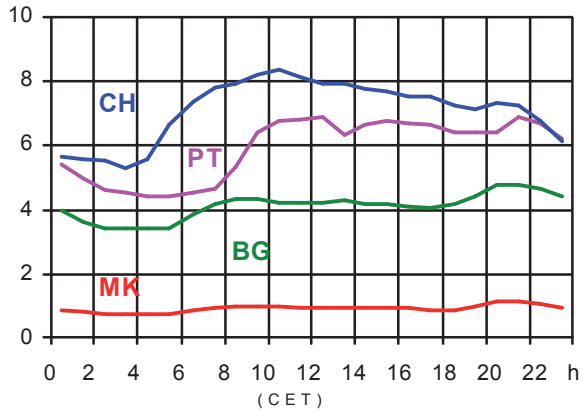

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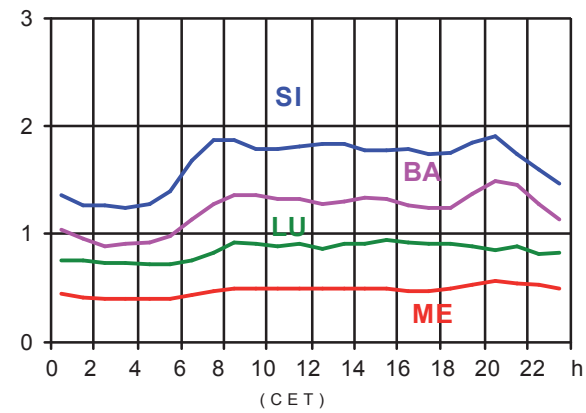

Load diagrams on the 3rd Wednesday in GW

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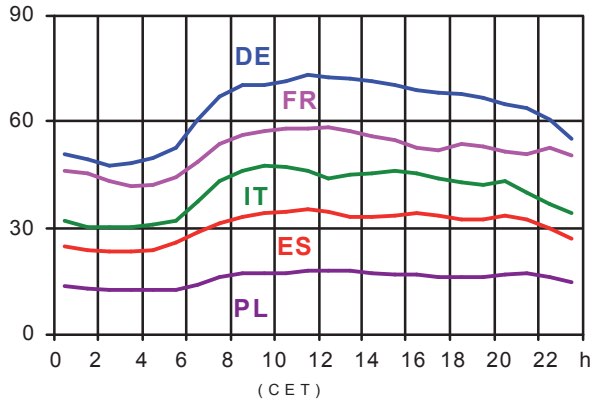

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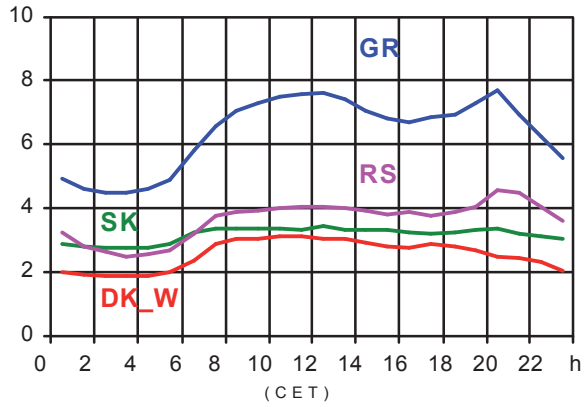

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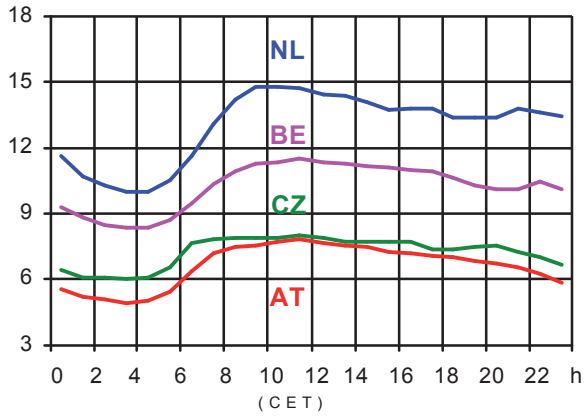

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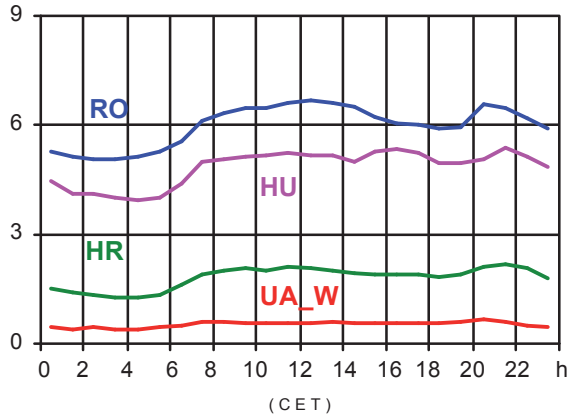

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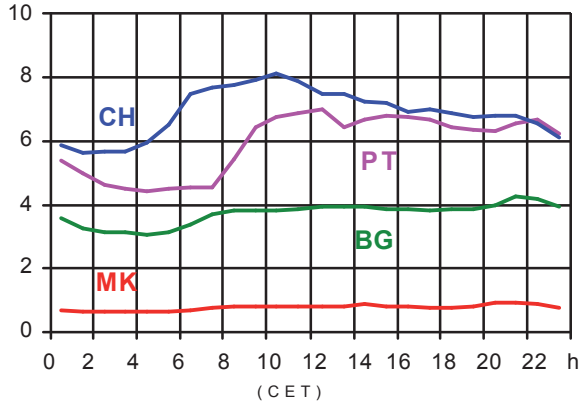

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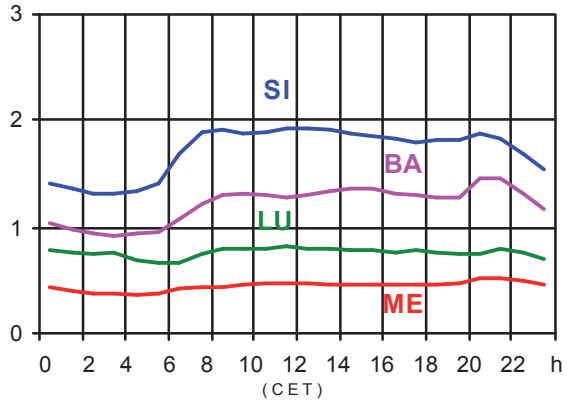

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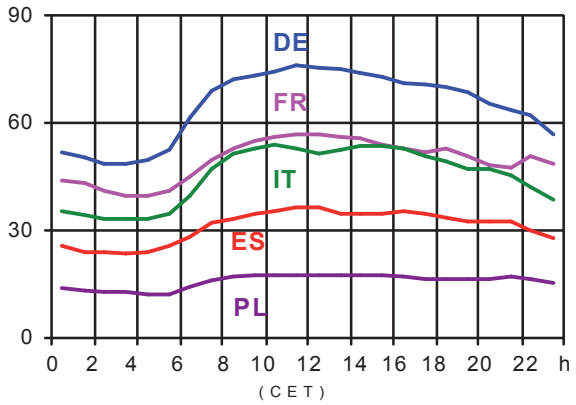

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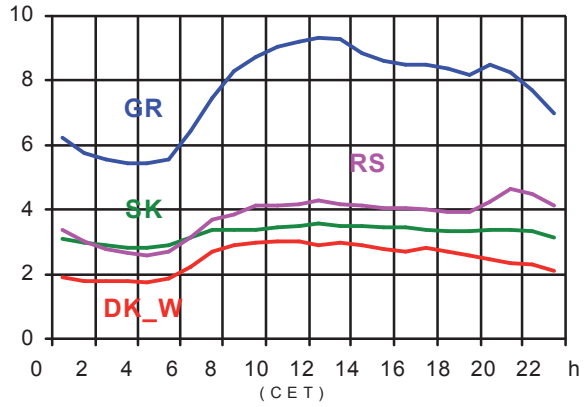

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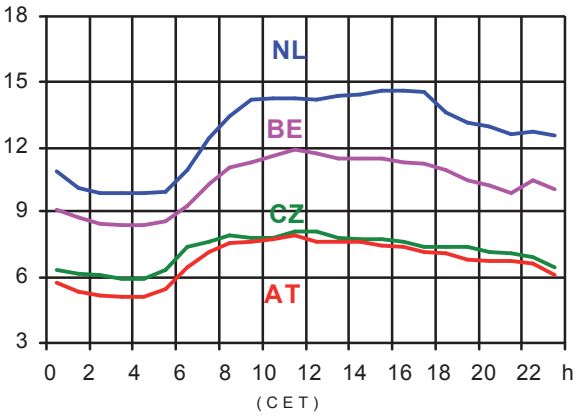

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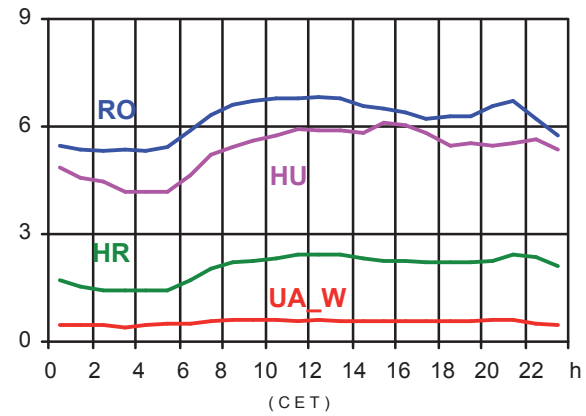

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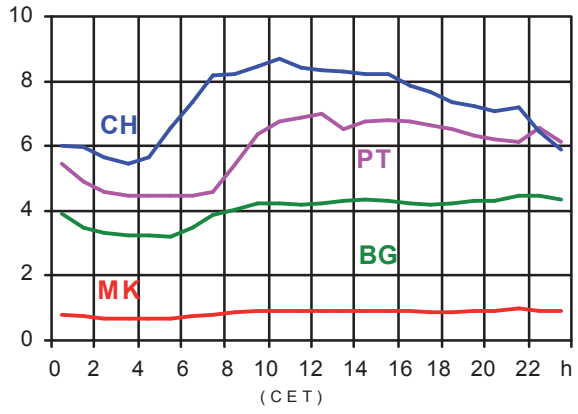

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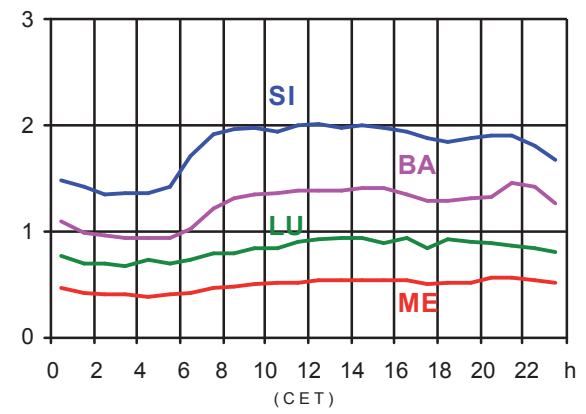

Load diagrams on the 3rd Wednesday in GW

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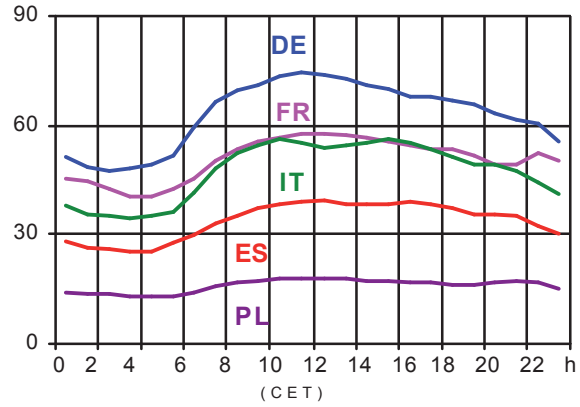

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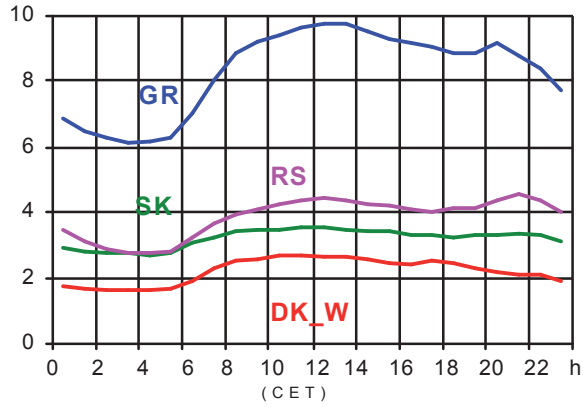

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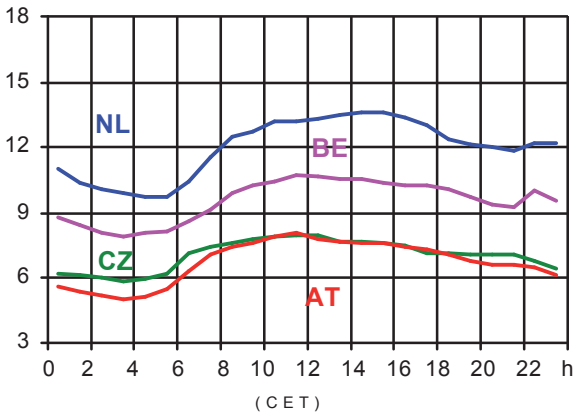

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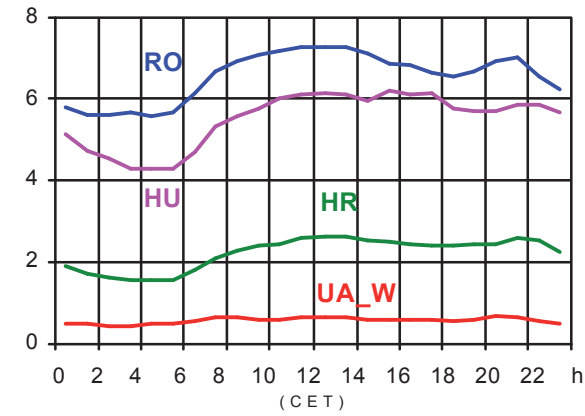

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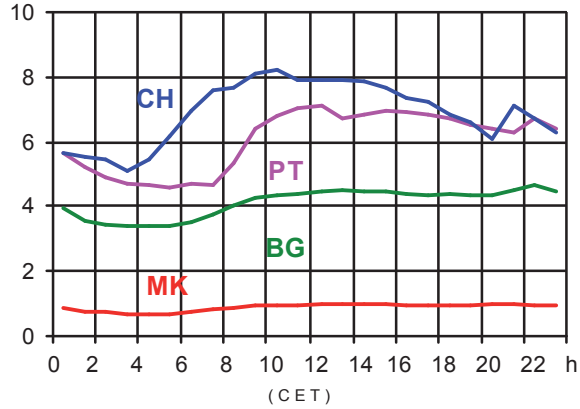

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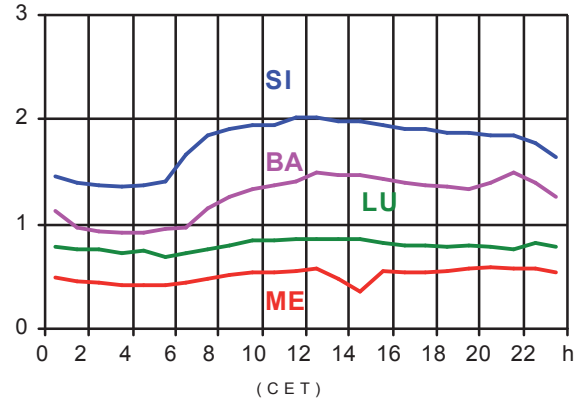

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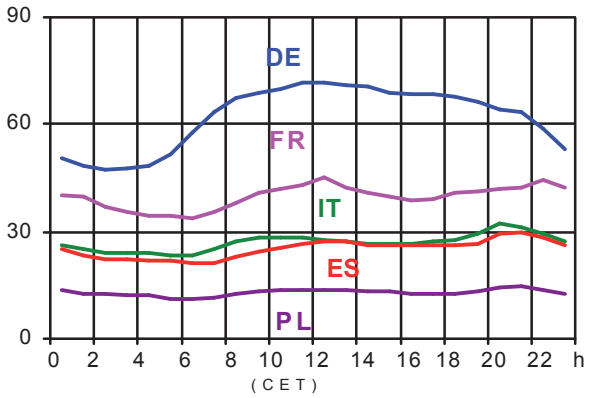

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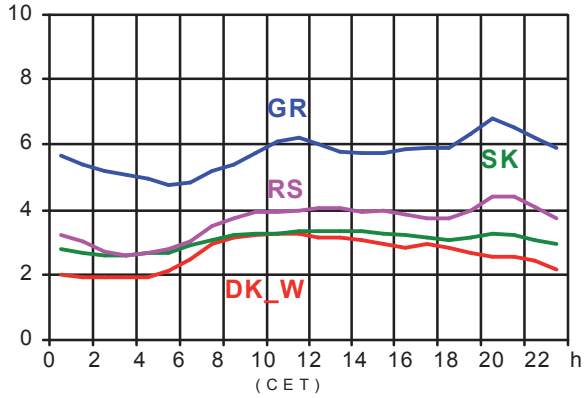

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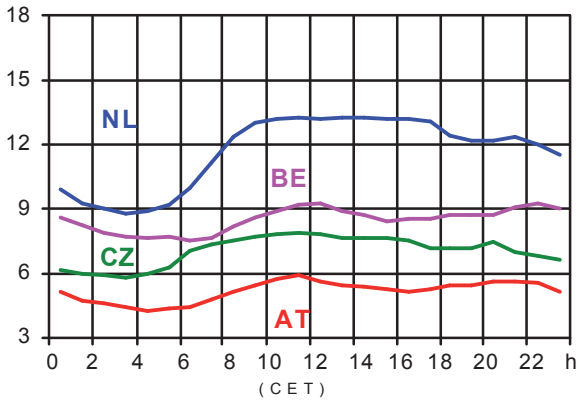

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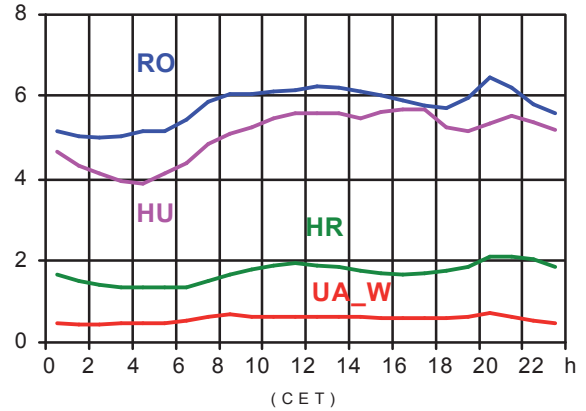

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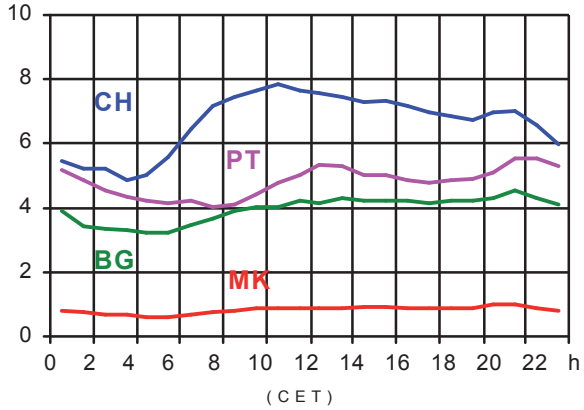

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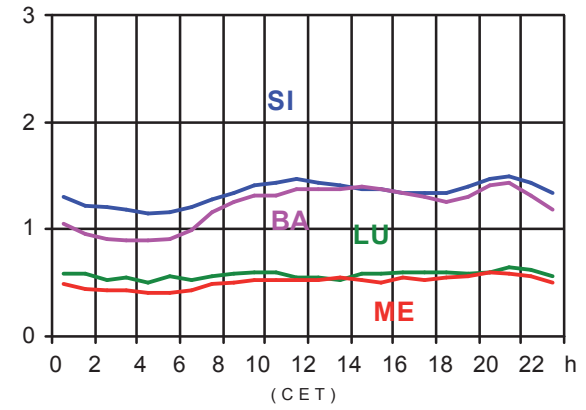

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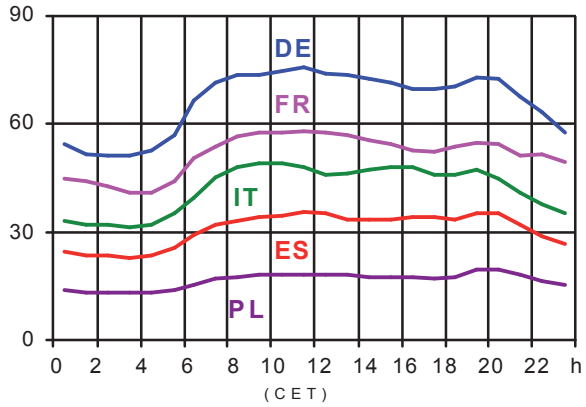

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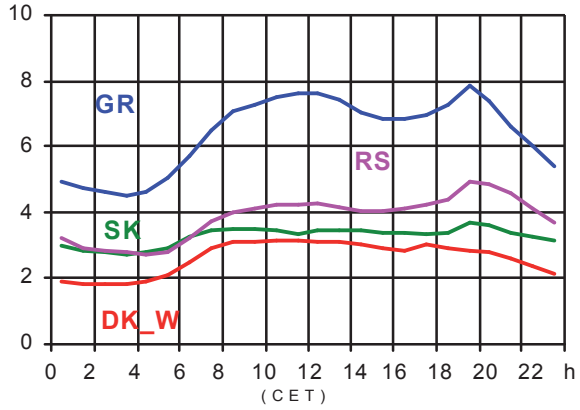

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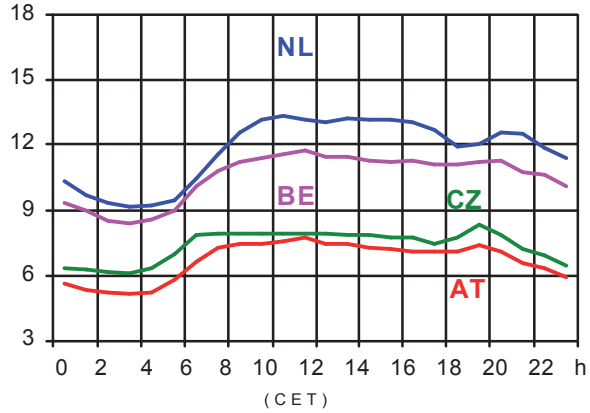

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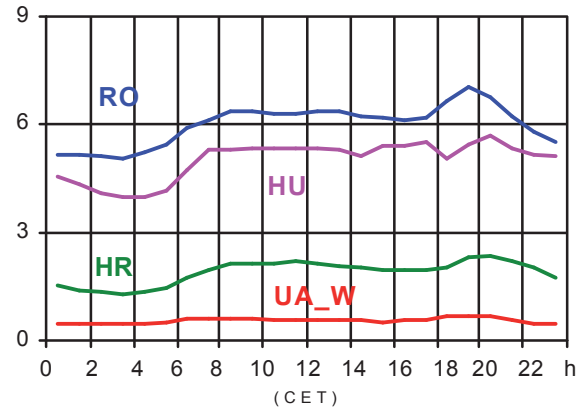

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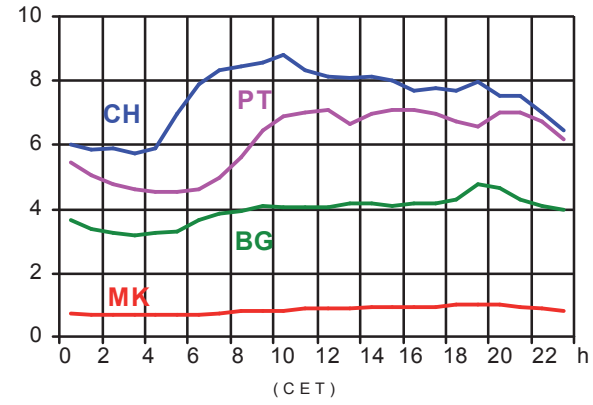

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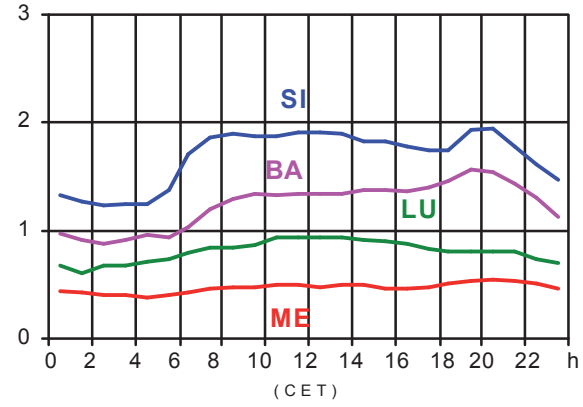

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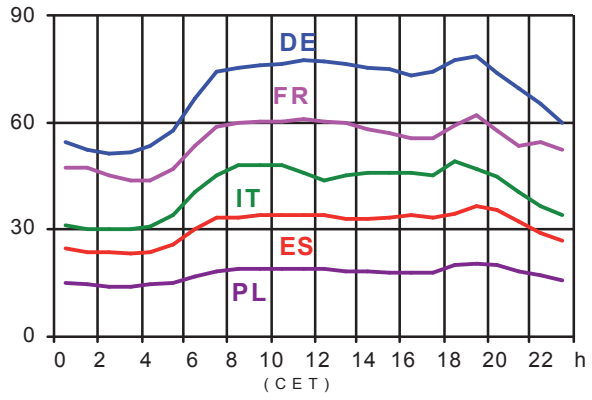

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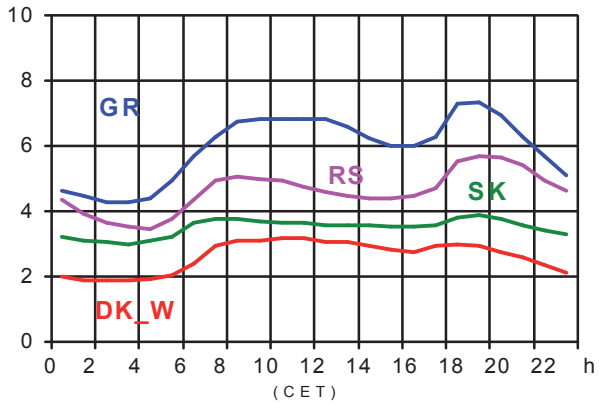

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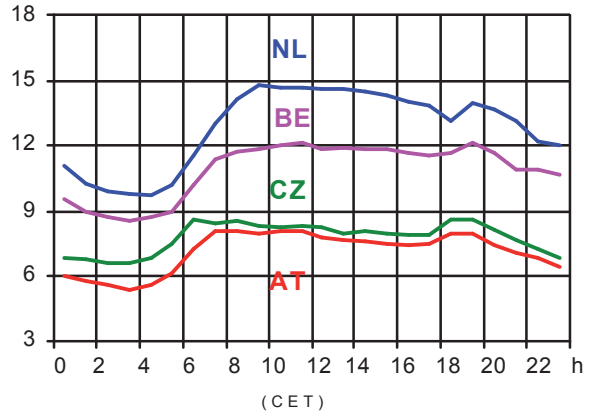

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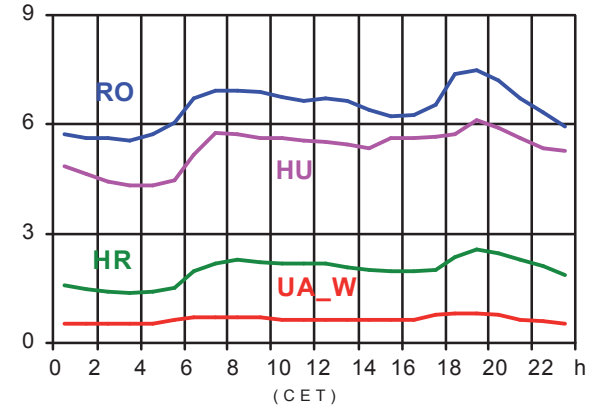

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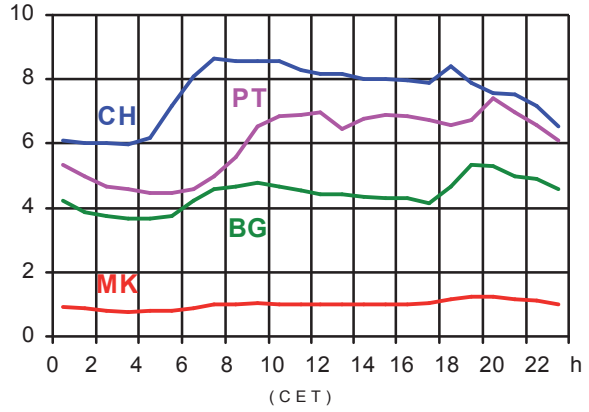

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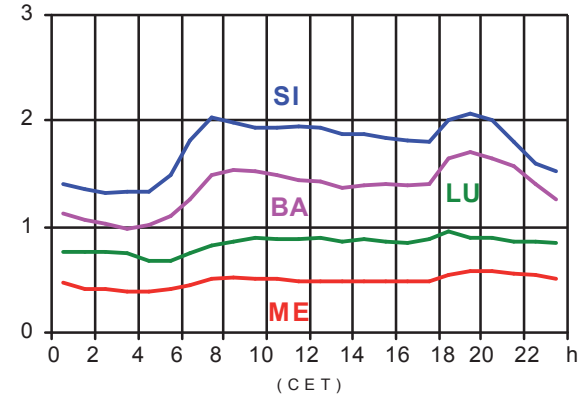

Load diagrams on the 3rd Wednesday in GW

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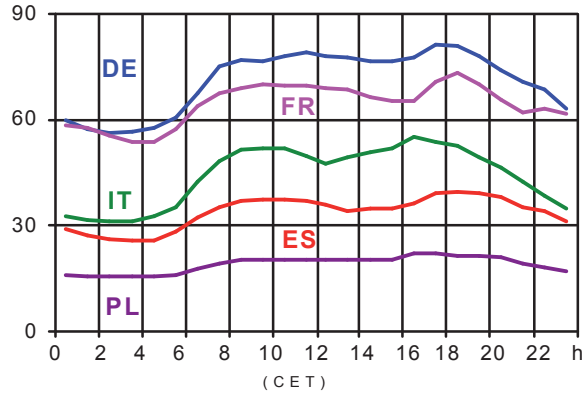

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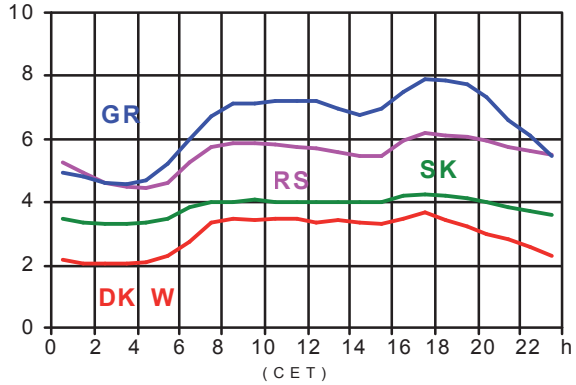

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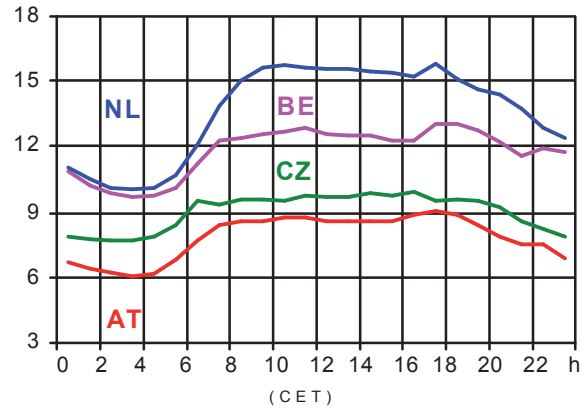

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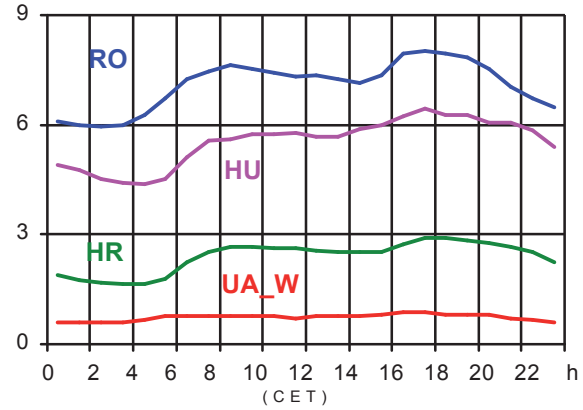
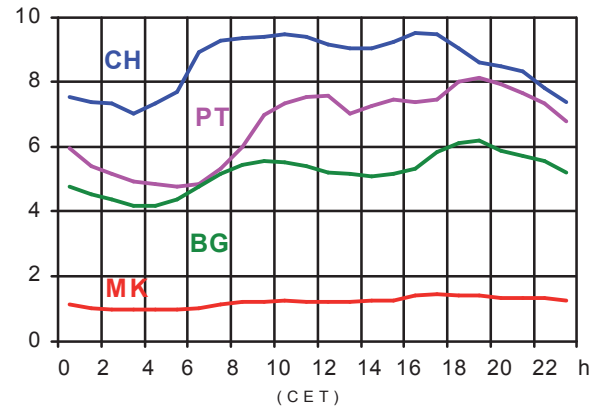
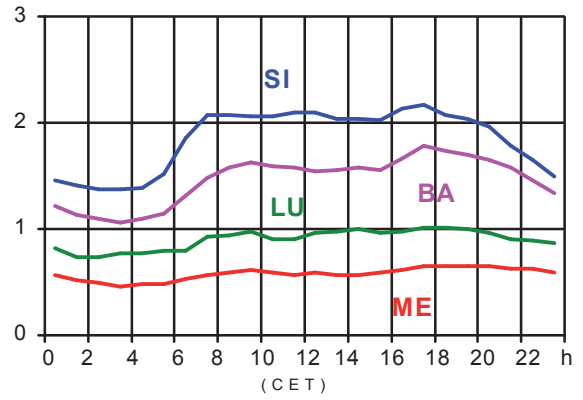


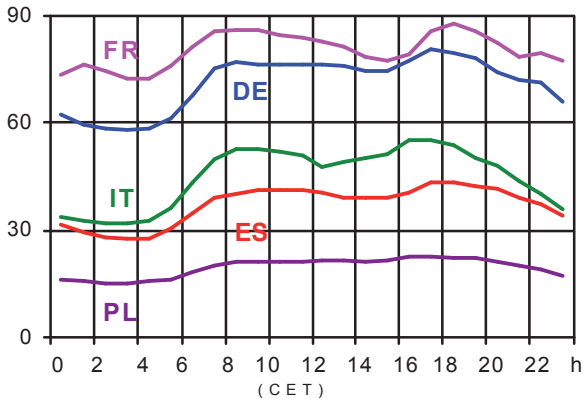
21.11.2007 **(in GW**



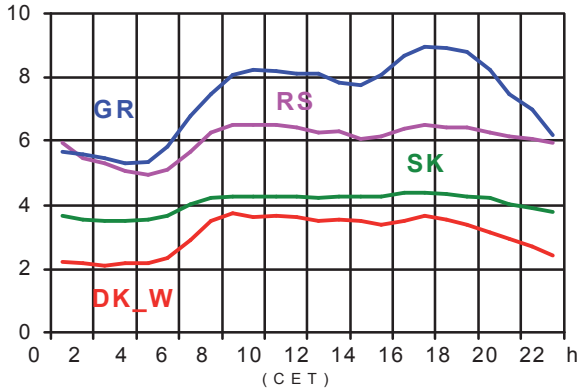
21.11.2007 **(in GW)**



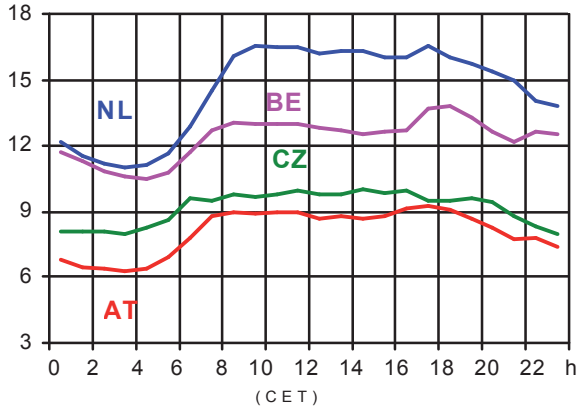
19.12.2007 (in GW)



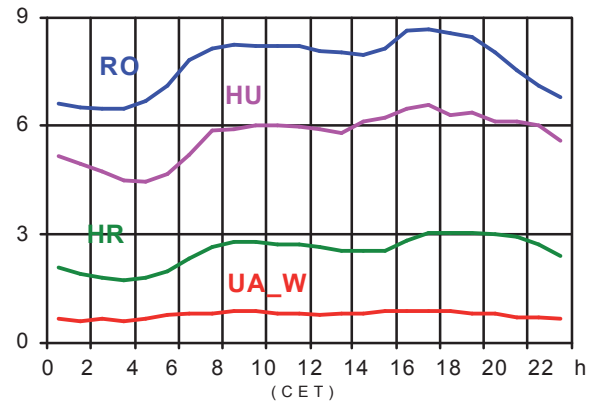
19.12.2007 (in GW



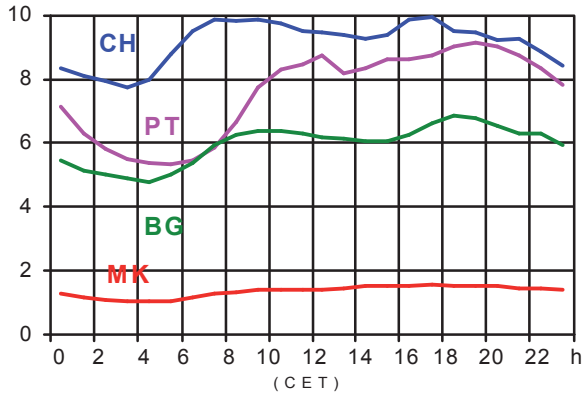
19.12.2007 (in GW)



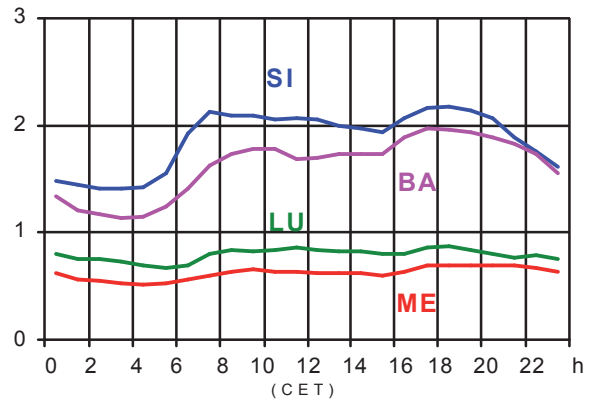
19.12.2007 (in GW)



19.12.2007 (in GW)

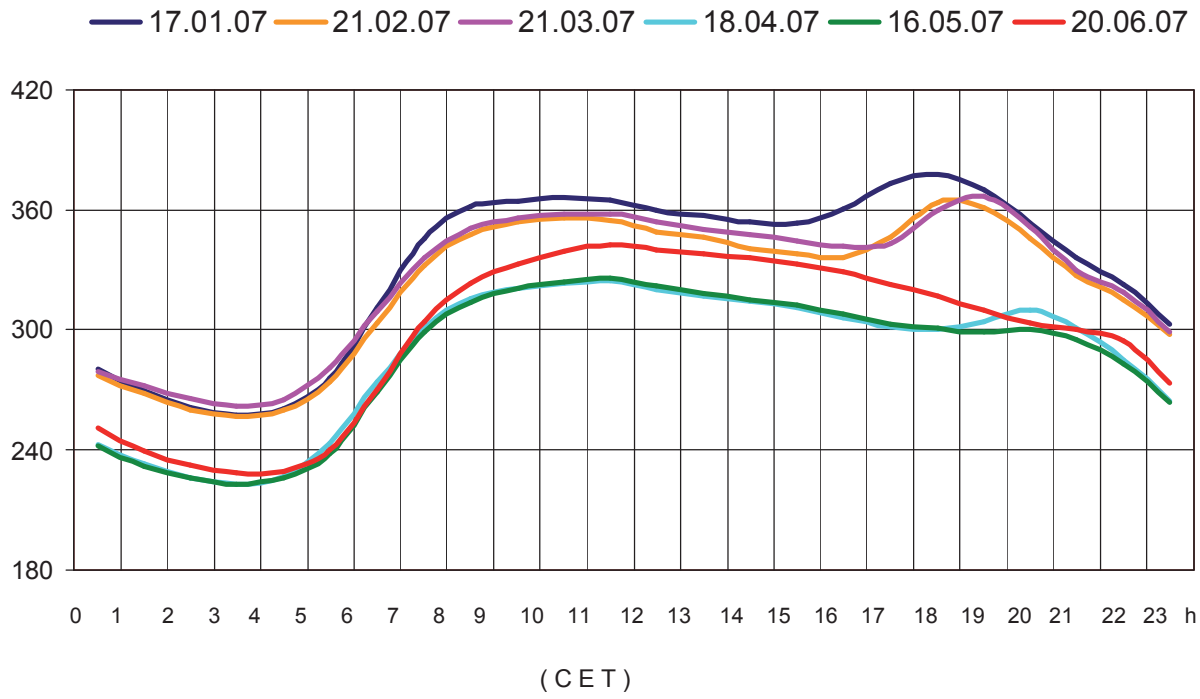


19.12.2007 (in GW)



Load diagrams on the 3rd Wednesday in GW

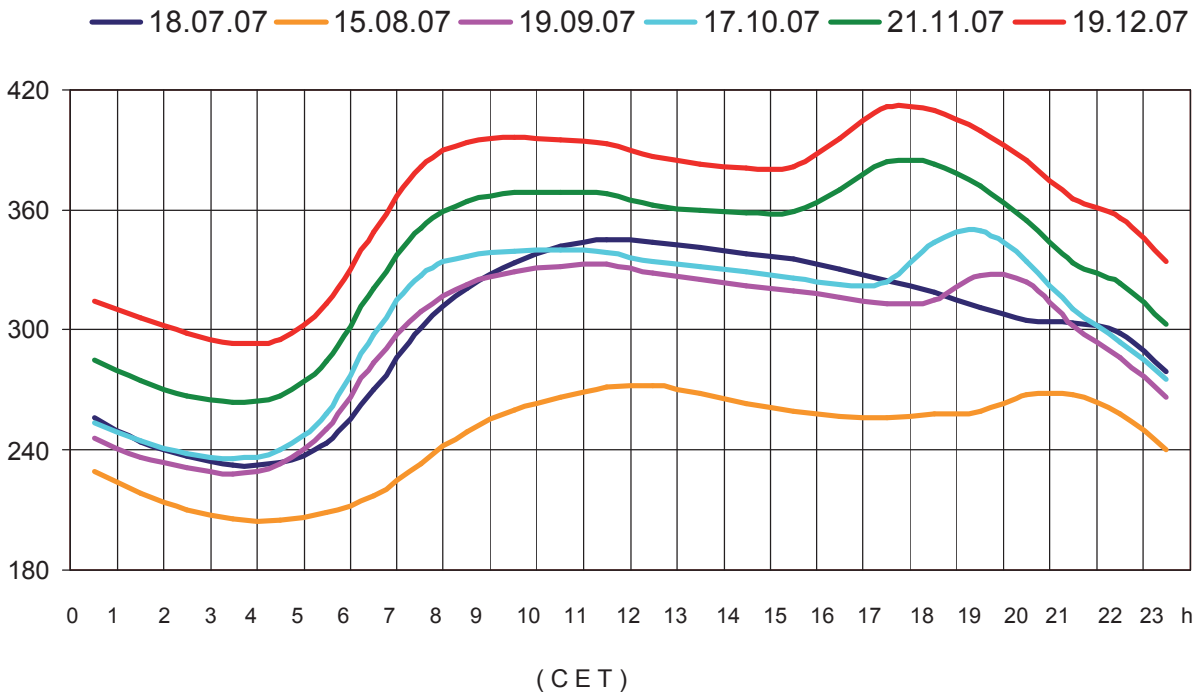
UCTE monthly load diagrams January - June 2007 in GW



Percentage as referred to total values (%)

	AT	BA	BE	BG	CH	CZ	DE	DK_W	ES	FR	GR	HR	HU	IT	LU	ME	MK	NL	PL	PT	RO	RS	SI	SK	UA_W
17.01.07	100	100	100	100	100	100	91	100	98	100	100	100	100	100	100	100	100	100	100	97	100	100	95	100	100
21.02.07	100	100	100	100	100	100	91	100	98	100	100	100	100	100	100	100	100	100	100	97	100	100	95	100	100
21.03.07	100	100	100	100	100	100	91	100	98	100	100	100	100	100	100	100	100	100	100	97	100	100	95	100	100
18.04.07	100	100	100	100	100	100	91	100	98	100	100	100	100	100	100	100	100	100	100	97	100	100	95	100	100
16.05.07	100	100	100	100	100	100	91	100	98	100	100	100	100	100	100	100	100	100	100	97	100	100	95	100	100
20.06.07	100	100	100	100	100	100	91	100	98	100	100	100	100	100	100	100	100	100	100	97	100	100	95	100	100

UCTE monthly load diagrams July - December 2007 in GW



Percentage as referred to total values (%)

	AT	BA	BE	BG	CH	CZ	DE	DK_W	ES	FR	GR	HR	HU	IT	LU	ME	MK	NL	PL	PT	RO	RS	SI	SK	UA_W
18.07.07	100	100	100	100	100	100	91	100	98	100	100	100	100	100	100	100	100	100	100	97	100	100	95	100	100
15.08.07	100	100	100	100	100	100	91	100	98	100	100	100	100	100	100	100	100	100	100	97	100	100	95	100	100
19.09.07	100	100	100	100	100	100	91	100	98	100	100	100	100	100	100	100	100	100	100	97	100	100	95	100	100
17.10.07	100	100	100	100	100	100	91	100	98	100	100	100	100	100	100	100	100	100	100	97	100	100	95	100	100
21.11.07	100	100	100	100	100	100	91	100	98	100	100	100	100	100	100	100	100	100	100	97	100	100	95	100	100
19.12.07	100	100	100	100	100	100	91	100	98	100	100	100	100	100	100	100	100	100	100	97	100	100	95	100	100

Hourly load values on the 3rd Wednesday in MW

Austria

Date	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00
17 / 1 / 2007	6461	6137	5999	5845	5936	6454	7354	8334	8426	8410	8472
21 / 2 / 2007	6376	6111	5939	5824	5950	6497	7341	8084	8215	8310	8410
21 / 3 / 2007	6447	6133	5953	5833	5946	6490	7248	8019	8229	8308	8384
18 / 4 / 2007	5525	5205	5101	4903	4980	5544	6481	7166	7525	7595	7745
16 / 5 / 2007	5533	5204	5073	4927	4972	5434	6372	7154	7441	7557	7721
20 / 6 / 2007	5726	5378	5229	5070	5128	5505	6454	7201	7534	7640	7797
18 / 7 / 2007	5568	5364	5187	5042	5107	5445	6316	7080	7411	7638	7859
15 / 8 / 2007	5173	4768	4635	4422	4317	4348	4452	4823	5168	5491	5723
19 / 9 / 2007	5612	5301	5231	5108	5228	5777	6597	7262	7459	7495	7596
17 / 10 / 2007	6019	5724	5549	5416	5540	6122	7233	8019	8019	7966	8026
21 / 11 / 2007	6698	6405	6242	6065	6190	6780	7656	8417	8637	8632	8740
19 / 12 / 2007	6835	6499	6403	6278	6378	6938	7845	8835	8943	8900	8979

Bosnia - Herzegovina

Date	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00
17 / 1 / 2007	1183	1113	1065	1044	1055	1117	1241	1431	1548	1575	1567
21 / 2 / 2007	1108	1030	982	958	975	1040	1207	1382	1457	1481	1431
21 / 3 / 2007	1133	1045	1033	1019	1025	1102	1241	1415	1500	1525	1497
18 / 4 / 2007	1030	958	895	899	932	989	1124	1286	1367	1355	1325
16 / 5 / 2007	1032	965	928	921	932	952	1064	1231	1296	1312	1299
20 / 6 / 2007	1095	986	955	946	941	951	1024	1213	1307	1345	1357
18 / 7 / 2007	1131	981	932	923	923	948	973	1141	1265	1336	1383
15 / 8 / 2007	1040	940	902	887	892	904	989	1158	1262	1323	1325
19 / 9 / 2007	977	914	892	914	958	937	1036	1193	1286	1340	1326
17 / 10 / 2007	1133	1065	1025	983	1018	1113	1264	1478	1535	1523	1472
21 / 11 / 2007	1215	1131	1084	1063	1090	1142	1314	1473	1579	1622	1593
19 / 12 / 2007	1330	1215	1173	1143	1158	1236	1413	1634	1744	1774	1776

Belgium

Date	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00
17 / 1 / 2007	10799	10277	9799	9536	9722	10165	11190	12209	12550	12438	12436
21 / 2 / 2007	10570	10003	9574	9335	9394	9880	10756	11397	11769	12120	12213
21 / 3 / 2007	10746	10193	9776	9552	9569	10022	11005	11490	11702	11923	11979
18 / 4 / 2007	9168	8659	8360	8350	8390	8873	9765	10433	10842	11145	11308
16 / 5 / 2007	9288	8821	8437	8375	8392	8742	9483	10341	10930	11297	11384
20 / 6 / 2007	9099	8729	8484	8406	8397	8558	9291	10287	11021	11315	11605
18 / 7 / 2007	8823	8422	8074	7919	8034	8165	8596	9187	9868	10235	10466
15 / 8 / 2007	8680	8229	7899	7771	7648	7697	7508	7663	8151	8604	8908
19 / 9 / 2007	9314	8949	8495	8406	8617	8987	10048	10866	11234	11428	11571
17 / 10 / 2007	9501	9006	8668	8541	8674	8993	10179	11390	11751	11866	12017
21 / 11 / 2007	10865	10214	9849	9657	9733	10159	11247	12284	12414	12592	12712
19 / 12 / 2007	11753	11271	10837	10569	10517	10770	11741	12742	13078	12960	12984

Austria

12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	24:00
8528	8336	8238	8172	8094	8226	8733	8670	8349	7882	7299	7309	6734
8453	8263	8183	8020	7892	7846	8229	8485	8132	7715	7237	7303	6726
8475	8216	8213	8149	8138	8043	8113	8355	8176	7722	7258	7221	6710
7864	7564	7465	7380	7295	7164	7113	7062	6965	6991	6498	6346	5837
7851	7616	7528	7420	7262	7165	7094	6968	6801	6684	6518	6288	5779
7908	7698	7695	7621	7506	7349	7244	7089	6867	6766	6708	6626	6085
8023	7783	7731	7642	7592	7426	7298	7017	6779	6571	6568	6494	6121
5875	5661	5487	5331	5283	5208	5303	5424	5445	5679	5624	5574	5140
7735	7469	7435	7320	7233	7125	7114	7124	7402	7114	6560	6377	5861
8060	7745	7690	7593	7484	7398	7516	7991	7996	7460	7061	6901	6381
8793	8583	8594	8586	8582	8845	9042	8872	8437	7852	7481	7499	6927
8980	8720	8763	8738	8801	9144	9265	9104	8715	8227	7718	7860	7362

Bosnia - Herzegovina

12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	24:00
1568	1550	1603	1581	1576	1605	1736	1722	1670	1626	1556	1466	1311
1406	1370	1393	1365	1350	1348	1477	1618	1603	1566	1452	1367	1238
1518	1496	1528	1532	1481	1493	1534	1625	1643	1649	1525	1441	1267
1316	1292	1308	1332	1325	1258	1236	1243	1371	1493	1450	1291	1136
1285	1300	1334	1348	1351	1325	1301	1273	1283	1457	1458	1325	1168
1381	1384	1380	1413	1396	1354	1298	1289	1308	1336	1464	1422	1267
1422	1481	1464	1471	1435	1401	1371	1350	1344	1393	1491	1398	1270
1374	1371	1371	1399	1370	1336	1302	1251	1293	1406	1429	1316	1188
1343	1341	1351	1380	1384	1359	1397	1456	1557	1537	1429	1306	1130
1443	1419	1377	1391	1401	1394	1412	1648	1706	1645	1566	1399	1256
1567	1540	1564	1571	1547	1670	1781	1741	1707	1656	1582	1471	1342
1685	1710	1730	1735	1740	1888	1974	1951	1936	1891	1836	1730	1557

Belgium

12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	24:00
12592	12334	12490	12375	12513	12549	12991	13144	12604	12004	11491	11720	11617
12532	12364	12361	12223	12109	11816	11721	12348	12440	11848	11261	11531	11474
12275	12114	12158	12190	12120	11961	12121	12203	12529	12132	11494	11659	11558
11499	11246	11122	10966	10903	10778	10612	10509	10281	10169	10450	10374	10050
11588	11351	11256	11146	11113	10996	10879	10607	10313	10066	10070	10460	10129
11890	11657	11520	11496	11511	11321	11234	10973	10503	10258	9855	10469	10070
10771	10646	10514	10529	10354	10295	10275	10067	9679	9363	9301	9955	9512
9220	9284	8923	8725	8498	8511	8570	8700	8765	8765	9075	9312	8958
11721	11502	11518	11309	11228	11276	11125	11129	11155	11256	10755	10646	10041
12112	11842	11928	11839	11866	11688	11555	11652	12068	11626	10915	10935	10610
12851	12610	12522	12479	12322	12302	13004	13060	12789	12213	11612	11916	11724
13030	12822	12757	12598	12636	12757	13695	13789	13256	12652	12187	12626	12540

Hourly load values on the 3rd Wednesday in MW

Bulgaria

Date	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00
17 / 1 / 2007	4507	4322	4194	4116	4066	4229	4619	5127	5300	5341	5221
21 / 2 / 2007	4650	4416	4207	4133	4127	4168	4717	4923	5035	5031	4917
21 / 3 / 2007	4085	3815	3821	3682	3611	3828	4120	4368	4588	4622	4693
18 / 4 / 2007	3979	3597	3442	3390	3422	3434	3839	4177	4327	4365	4246
16 / 5 / 2007	3580	3267	3111	3097	3066	3134	3374	3671	3783	3785	3790
20 / 6 / 2007	3914	3486	3335	3238	3239	3196	3482	3843	4053	4220	4244
18 / 7 / 2007	3932	3615	3468	3398	3406	3374	3543	3774	4038	4272	4324
15 / 8 / 2007	3918	3446	3342	3277	3246	3230	3453	3643	3930	4050	4064
19 / 9 / 2007	3649	3344	3242	3198	3201	3302	3659	3838	3924	4120	4037
17 / 10 / 2007	4202	3867	3711	3678	3663	3750	4199	4589	4649	4777	4632
21 / 11 / 2007	4810	4523	4360	4211	4206	4377	4787	5150	5457	5578	5497
19 / 12 / 2007	5426	5152	5016	4906	4817	5005	5406	5944	6263	6370	6356

Switzerland

Date	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00
17 / 1 / 2007	6940	6879	6879	6759	7045	7647	8612	9086	9012	9181	9161
21 / 2 / 2007	7102	7016	7005	6924	7200	7762	8381	9004	9039	9131	9066
21 / 3 / 2007	7444	7376	7415	7125	7410	8019	8519	9069	9105	9208	9239
18 / 4 / 2007	5658	5565	5498	5250	5578	6619	7369	7818	7950	8181	8367
16 / 5 / 2007	5853	5638	5694	5670	5932	6481	7521	7717	7754	7949	8113
20 / 6 / 2007	6030	5930	5666	5433	5668	6537	7389	8149	8211	8452	8693
18 / 7 / 2007	5677	5561	5459	5115	5448	6188	6965	7637	7704	8117	8209
15 / 8 / 2007	5467	5213	5193	4866	5010	5618	6450	7120	7455	7662	7851
19 / 9 / 2007	6016	5811	5880	5713	5916	6928	7889	8312	8454	8548	8792
17 / 10 / 2007	6111	6005	6044	5987	6119	7149	8054	8606	8581	8579	8563
21 / 11 / 2007	7504	7393	7363	7054	7304	7718	8892	9298	9349	9394	9477
19 / 12 / 2007	8383	8129	7967	7750	8029	8778	9526	9897	9828	9911	9756

Czech Republic

Date	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00
17 / 1 / 2007	7553	7469	7547	7297	7567	8171	9071	9046	9241	9185	9224
21 / 2 / 2007	7546	7515	7277	7349	7492	8015	8861	8774	8987	8895	8961
21 / 3 / 2007	7381	7316	7237	7234	7435	7793	8555	8663	8843	8896	8882
18 / 4 / 2007	6561	6378	6315	6180	6389	6896	7892	8160	8220	8202	8152
16 / 5 / 2007	6431	6058	6134	6024	6071	6548	7612	7801	7925	7932	7934
20 / 6 / 2007	6344	6159	6076	5971	5965	6411	7431	7640	7909	7846	7849
18 / 7 / 2007	6255	6129	6044	5891	5922	6208	7117	7394	7642	7745	7835
15 / 8 / 2007	6216	6015	5916	5808	5991	6250	7059	7337	7569	7757	7813
19 / 9 / 2007	6367	6263	6204	6100	6339	7044	7809	7915	7975	7929	7929
17 / 10 / 2007	6842	6736	6583	6572	6837	7510	8618	8458	8508	8321	8227
21 / 11 / 2007	7880	7787	7719	7669	7838	8459	9478	9360	9631	9552	9551
19 / 12 / 2007	8115	8115	8072	7969	8240	8657	9587	9482	9758	9701	9791

Bulgaria

12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	24:00
5148	4971	4907	4802	4791	4901	5319	5732	5715	5617	5340	5355	5069
4809	4652	4546	4524	4547	4580	4746	5359	5699	5488	5313	5300	4962
4729	4715	4705	4665	4650	4674	4775	5070	5442	5254	4980	5037	4665
4206	4209	4264	4177	4149	4087	4041	4159	4413	4796	4763	4672	4393
3906	3929	3941	3931	3898	3879	3798	3855	3901	4026	4271	4206	3918
4193	4263	4316	4328	4305	4229	4187	4210	4270	4308	4454	4495	4337
4422	4458	4513	4441	4461	4401	4329	4395	4358	4371	4524	4626	4443
4200	4148	4256	4214	4229	4194	4173	4247	4230	4297	4516	4306	4107
4043	4033	4131	4146	4130	4149	4156	4299	4757	4646	4312	4125	3971
4518	4414	4424	4348	4281	4267	4175	4634	5325	5277	4977	4884	4589
5409	5211	5122	5089	5144	5313	5830	6127	6179	5887	5677	5572	5224
6289	6210	6132	6071	6071	6213	6603	6839	6782	6545	6332	6322	5966

Switzerland

12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	24:00
8983	8625	8770	8672	8664	9031	9119	8628	8477	8263	9130	7656	7222
8807	8631	8591	8397	8446	8563	8828	8819	8395	8047	8039	7429	7396
8917	8962	8713	8780	8767	8479	8667	8839	8685	8371	8281	7896	7673
8148	7921	7931	7793	7722	7486	7494	7279	7130	7344	7285	6798	6168
7852	7525	7490	7279	7183	6941	7005	6885	6750	6819	6820	6537	6140
8405	8340	8310	8206	8238	7854	7690	7391	7211	7054	7178	6432	5918
7902	7901	7923	7882	7662	7328	7212	6885	6599	6118	7116	6722	6318
7646	7591	7444	7269	7324	7167	6958	6851	6700	6951	7018	6610	5948
8293	8147	8101	8150	7990	7719	7739	7720	7945	7491	7489	7008	6478
8253	8108	8152	8003	8028	7921	7911	8357	7895	7565	7503	7120	6513
9391	9159	9015	9058	9242	9497	9438	9057	8596	8456	8294	7827	7395
9511	9449	9382	9252	9393	9887	9953	9545	9458	9202	9281	8877	8456

Czech Republic

12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	24:00
9255	9201	9137	9295	9174	9332	9079	9110	9090	8612	8098	7714	7402
9047	9059	8826	8870	8765	8523	8815	8950	9079	8665	8082	7838	7434
8987	9070	8861	9076	8885	8650	8525	9098	8972	8717	8105	7672	7467
8198	8242	7995	8067	7950	7883	7551	7674	7953	7936	7383	7103	6709
7961	7936	7756	7746	7768	7727	7336	7368	7469	7561	7228	6973	6631
8086	8091	7811	7800	7746	7664	7347	7369	7354	7216	7150	6915	6521
7932	7962	7660	7694	7564	7477	7163	7126	7049	7044	7022	6794	6359
7875	7829	7607	7644	7621	7581	7206	7215	7172	7427	6968	6779	6599
7944	7940	7832	7840	7777	7746	7463	7732	8271	7859	7185	6902	6488
8346	8240	7964	8077	7990	7913	7920	8604	8602	8195	7651	7243	6878
9807	9717	9671	9884	9815	9950	9493	9576	9550	9216	8568	8221	7918
9967	9826	9750	10031	9833	9944	9482	9539	9575	9390	8814	8392	8044

Hourly load values on the 3rd Wednesday in MW

Germany

Date	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00
17 / 1 / 2007	58006	55226	53926	54519	56473	59390	67561	76016	78261	77583	78425
21 / 2 / 2007	57037	54818	54103	54861	56461	59314	65780	72052	74157	74704	75775
21 / 3 / 2007	58065	55594	54779	55212	56969	60129	66400	71679	74481	74852	76093
18 / 4 / 2007	51851	49521	48252	48901	50314	54832	62851	68645	71459	71978	73373
16 / 5 / 2007	51178	49117	47816	48061	49789	52762	60679	67481	70537	70728	71768
20 / 6 / 2007	52190	50196	48919	48969	49942	52700	61656	68854	72561	73230	74676
18 / 7 / 2007	51395	48761	47679	47936	48872	51608	59463	66461	69559	71070	73079
15 / 8 / 2007	50346	48334	47184	47479	48356	51367	57267	63202	67412	69012	69992
19 / 9 / 2007	54142	51738	51017	51224	52971	56943	66327	71541	73620	73750	74439
17 / 10 / 2007	54572	52295	51384	51803	53598	57739	67064	74489	75534	75804	76364
21 / 11 / 2007	59816	57268	56178	56704	57896	60623	67602	74965	76989	76863	78003
19 / 12 / 2007	62309	59575	58445	58140	58823	61162	67889	75171	76886	76390	76390

Denmark West

Date	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00
17 / 1 / 2007	2081	2005	1970	1985	2052	2233	2706	3336	3546	3454	3483
21 / 2 / 2007	2202	2132	2087	2076	2124	2311	2792	3328	3465	3484	3573
21 / 3 / 2007	2051	1988	1977	2002	2065	2243	2637	3071	3224	3210	3254
18 / 4 / 2007	1978	1904	1887	1907	1950	2112	2445	2910	3075	3073	3136
16 / 5 / 2007	1994	1913	1859	1853	1886	2015	2396	2874	3054	3063	3132
20 / 6 / 2007	1920	1820	1789	1789	1781	1901	2270	2727	2922	2944	3024
18 / 7 / 2007	1749	1667	1638	1637	1639	1684	1934	2269	2488	2598	2684
15 / 8 / 2007	2007	1939	1900	1904	1937	2095	2447	2930	3146	3163	3235
19 / 9 / 2007	1931	1844	1823	1838	1887	2076	2524	2938	3101	3113	3179
17 / 10 / 2007	1990	1910	1884	1884	1923	2044	2421	2935	3112	3138	3198
21 / 11 / 2007	2137	2055	2038	2042	2095	2282	2758	3365	3458	3417	3476
19 / 12 / 2007	2241	2143	2116	2142	2181	2372	2901	3500	3713	3621	3653

Spain

Date	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00
17 / 1 / 2007	32668	29938	28178	27206	26688	26894	29114	33350	37547	38329	39522
21 / 2 / 2007	30950	28362	26589	25811	25456	25459	27817	31641	35324	36953	37994
21 / 3 / 2007	28856	27293	26331	25915	26155	28313	31426	35260	36783	37862	38301
18 / 4 / 2007	25583	24135	23460	23193	23489	25907	29401	32040	32909	33775	34245
16 / 5 / 2007	25016	23993	23542	23521	23760	25763	28571	31561	33052	34251	34940
20 / 6 / 2007	25684	24280	23874	23752	23976	25602	28263	32065	33426	34819	35620
18 / 7 / 2007	27820	26326	25646	25333	25529	27409	29696	32916	35245	37172	38307
15 / 8 / 2007	24994	23356	22479	21971	21554	21558	20946	21230	22877	24421	25561
19 / 9 / 2007	24339	23418	23206	23038	23386	25483	29384	31696	32983	34168	34745
17 / 10 / 2007	24945	23846	23493	23274	23568	25923	30331	33272	33244	33742	34003
21 / 11 / 2007	29177	27347	26423	25842	25830	28152	32108	35322	36700	37587	37275
19 / 12 / 2007	31317	29391	28413	27783	27892	30119	34590	39046	40255	41380	41311

Germany

12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	24:00
79456	79005	78601	77641	77407	78200	82213	82787	80443	76453	73704	71191	64820
77119	75792	74795	73842	73414	72964	75435	79775	77420	72767	69448	67272	61597
77479	76602	76146	75350	74115	72842	73460	76020	77600	73572	70341	67908	62868
74894	74045	73362	72108	70946	69554	69175	68940	67896	68037	67238	62730	56725
73406	72909	72357	71520	70536	68960	68269	67910	66872	64796	64232	60990	55195
76267	75591	74873	73932	72934	71483	70646	70009	68731	65601	63964	62191	56698
74601	73814	72754	71095	69923	68097	67649	67084	65960	62937	61687	60460	55440
71686	71532	71163	70549	69116	68186	68223	68020	65957	64164	63410	58652	53061
75383	74131	73483	72420	71400	69543	69848	70173	72728	72378	67797	63323	57548
77370	76907	76541	75426	74743	73549	74539	77693	78661	74051	69414	64997	59643
79118	78217	77535	76858	76609	77614	81583	80681	78197	74040	70917	68646	63318
76686	76214	75717	74940	75026	77616	80819	79925	78074	74495	72289	71301	66410

Denmark West

12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	24:00
3471	3355	3410	3371	3297	3400	3612	3399	3164	2931	2753	2541	2319
3569	3450	3497	3457	3331	3294	3524	3504	3290	3067	2894	2681	2430
3236	3119	3153	3085	2979	2970	3147	3127	3119	2918	2689	2458	2219
3111	3014	3038	2970	2798	2740	2883	2776	2638	2564	2607	2413	2164
3121	3038	3045	2967	2801	2768	2892	2822	2662	2513	2432	2325	2091
3017	2926	2967	2917	2779	2751	2858	2743	2609	2455	2344	2286	2110
2678	2619	2611	2556	2471	2417	2504	2434	2274	2147	2068	2067	1931
3244	3136	3158	3088	2927	2855	2963	2839	2675	2545	2531	2385	2156
3176	3069	3102	3046	2892	2859	3028	2936	2879	2792	2624	2388	2151
3150	3041	3045	2955	2809	2757	2917	2987	2944	2751	2569	2351	2133
3453	3371	3402	3359	3296	3446	3648	3438	3226	3020	2818	2559	2301
3613	3515	3525	3490	3394	3509	3689	3552	3368	3159	2968	2720	2409

Spain

12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	24:00
39436	38877	37587	35651	35534	35713	36588	39243	40477	40047	39259	36913	35843
38162	37793	36893	34731	34626	34701	34975	36088	38710	38812	37570	34958	34127
38552	38145	36089	35796	36090	36475	36446	38494	40405	39075	35903	34509	31294
34650	34016	32245	32434	32651	32880	32630	32080	33026	35243	32610	29592	27472
35251	34808	33155	33227	33466	33966	33528	32747	32539	33790	32507	29741	27352
36324	36401	34634	34564	34635	35256	34772	33527	32789	32704	32634	29929	28019
38997	39325	38256	38047	38291	38693	38245	37041	35760	35314	35211	32501	30092
26368	26881	26927	26286	25865	25893	25852	25927	26410	29429	29888	28109	25898
35485	35270	33683	33504	33724	34224	34083	33421	35046	35337	31978	28868	26566
34178	34061	32750	32881	33182	33695	33431	34716	36788	35479	32102	28994	26780
36861	35986	34447	34831	35012	36380	39250	39567	39062	37890	35116	34034	31332
41124	40484	38787	38869	39042	40653	43352	43238	42543	41493	38887	37577	33991

Hourly load values on the 3rd Wednesday in MW

France

Date	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00
17 / 1 / 2007	57310	57431	55398	53336	53237	56597	63212	68846	69740	69943	69447
21 / 2 / 2007	56654	57495	55558	53603	53474	56582	61933	65233	67165	68035	67724
21 / 3 / 2007	62494	65021	63234	61038	60971	64181	68192	70597	72415	72928	72465
18 / 4 / 2007	45322	44741	43021	41168	41369	44039	48294	52222	54967	56023	56239
16 / 5 / 2007	45969	45651	43622	41894	42038	44416	48855	53434	56132	57631	57890
20 / 6 / 2007	44167	43286	41374	39618	39400	41185	45146	49649	53077	55184	56143
18 / 7 / 2007	45303	44483	42412	40621	40588	42540	45308	49984	53212	55671	56829
15 / 8 / 2007	39935	39543	37137	35056	34211	34328	33821	35466	37955	40438	42016
19 / 9 / 2007	44765	44296	42382	40842	41160	44234	50464	53669	56278	57258	57495
17 / 10 / 2007	47466	47360	45189	43517	43687	46913	53526	58616	60070	60474	60488
21 / 11 / 2007	58159	58004	55909	53831	53661	57109	63522	67683	69343	70076	69864
19 / 12 / 2007	73672	76479	74738	72639	72418	76119	81482	85648	86180	85988	84816

Greece

Date	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00
17 / 1 / 2007	4976	5024	4855	4696	4729	5264	6163	6793	7250	7265	7284
21 / 2 / 2007	4964	4970	4825	4660	4744	5283	6051	6767	7282	7269	7114
21 / 3 / 2007	4652	4616	4430	4335	4464	4851	5654	6281	6752	6772	6765
18 / 4 / 2007	4668	4515	4397	4321	4399	4800	5582	6209	6683	6603	6603
16 / 5 / 2007	4927	4651	4523	4499	4613	4902	5783	6540	7077	7307	7495
20 / 6 / 2007	6229	5778	5569	5452	5443	5572	6447	7466	8326	8699	9008
18 / 7 / 2007	6902	6482	6262	6113	6150	6273	7006	8052	8874	9223	9424
15 / 8 / 2007	5675	5355	5170	5031	4936	4766	4801	5174	5388	5704	6059
19 / 9 / 2007	4965	4742	4617	4551	4651	5053	5713	6461	7111	7270	7490
17 / 10 / 2007	4655	4451	4312	4267	4395	4913	5680	6304	6775	6801	6842
21 / 11 / 2007	4891	4817	4628	4549	4664	5212	6003	6679	7154	7145	7214
19 / 12 / 2007	5651	5596	5455	5310	5351	5857	6822	7440	8087	8241	8173

Croatia

Date	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00
17 / 1 / 2007	1717	1560	1480	1465	1485	1619	2004	2319	2407	2421	2388
21 / 2 / 2007	1749	1596	1509	1484	1510	1635	1981	2210	2340	2349	2298
21 / 3 / 2007	1696	1564	1490	1473	1499	1603	1867	2184	2333	2364	2357
18 / 4 / 2007	1487	1358	1296	1284	1299	1419	1655	1947	2026	2020	2004
16 / 5 / 2007	1497	1367	1306	1282	1303	1339	1602	1899	2011	2034	2024
20 / 6 / 2007	1707	1522	1439	1411	1419	1415	1709	2034	2208	2279	2308
18 / 7 / 2007	1880	1692	1593	1538	1545	1543	1783	2076	2273	2383	2448
15 / 8 / 2007	1660	1497	1400	1352	1342	1336	1339	1494	1650	1792	1871
19 / 9 / 2007	1531	1403	1323	1306	1326	1437	1731	1983	2110	2145	2122
17 / 10 / 2007	1599	1470	1406	1388	1420	1547	1942	2204	2273	2246	2183
21 / 11 / 2007	1905	1742	1669	1636	1652	1811	2228	2505	2654	2649	2591
19 / 12 / 2007	2062	1877	1778	1746	1769	1936	2358	2658	2792	2782	2713

France

12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	24:00
69748	68948	68104	66638	65511	65418	69716	72668	69553	65544	61470	62362	60384
67789	66931	65827	63800	61933	60804	61753	69366	68040	64299	60792	62141	60305
72757	72072	70959	69004	67083	65969	65990	70785	73981	70090	65836	67620	65572
56753	56507	55621	54363	52677	51324	50445	51496	50593	51452	50692	51913	49856
58200	58357	57436	56079	54651	52814	52276	53657	52865	51500	51206	52346	50245
56758	56721	56241	55672	54314	53272	52093	52857	50844	48114	47764	51030	48586
57763	57549	57238	56776	55436	54299	53179	53604	51710	49221	49237	52500	49984
42994	44765	42237	40838	39576	38630	39033	40656	41408	41670	42306	44189	42352
58000	57585	56811	55623	54155	52736	52320	53891	54665	54373	50992	51741	49742
60977	60442	59588	58438	56864	55732	55489	59431	61781	57649	53411	54439	52360
69837	69254	68332	66597	65212	65522	70684	73257	69995	65770	61914	63269	61502
84222	83163	81096	78837	77606	79179	85776	87897	85480	82500	78441	79745	77428

Greece

12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	24:00
7268	7217	6928	6724	6815	7164	7794	7796	7674	7185	6499	6080	5400
7002	6896	6615	6508	6553	6460	7137	7673	7633	7258	6544	6132	5428
6797	6747	6561	6341	6315	6256	6529	7337	7393	6905	6178	5732	5155
6647	6597	6391	6063	5910	5797	5762	6016	7028	7258	6497	5815	5099
7584	7641	7450	7035	6797	6712	6858	6950	7317	7718	6968	6248	5550
9202	9342	9266	8873	8580	8461	8456	8352	8212	8488	8236	7688	6965
9629	9771	9768	9515	9287	9133	9037	8858	8848	9134	8778	8357	7746
6178	6045	5765	5715	5738	5818	5902	5911	6299	6781	6512	6218	5890
7609	7641	7453	7020	6835	6833	6935	7290	7839	7364	6619	5992	5392
6840	6808	6567	6211	6007	6019	6269	7288	7371	6948	6284	5729	5108
7202	7186	6967	6770	6933	7505	7905	7835	7695	7287	6558	6115	5422
8153	8115	7843	7775	8044	8670	8951	8911	8803	8241	7492	6965	6205

Croatia

12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	24:00
2421	2383	2310	2267	2240	2363	2621	2612	2591	2518	2496	2299	1994
2320	2280	2210	2142	2109	2142	2348	2549	2546	2501	2478	2259	1954
2395	2363	2299	2236	2202	2208	2305	2541	2624	2574	2518	2278	1978
2053	2042	1991	1922	1865	1849	1853	1890	2079	2302	2185	2035	1750
2089	2080	2026	1953	1904	1876	1866	1860	1908	2116	2179	2055	1757
2413	2446	2407	2348	2285	2250	2234	2215	2230	2257	2419	2393	2105
2577	2633	2618	2547	2472	2428	2410	2407	2431	2451	2579	2528	2238
1916	1899	1825	1746	1687	1670	1692	1742	1824	2066	2109	2049	1824
2176	2163	2098	2026	1960	1942	1949	2014	2326	2350	2187	2027	1752
2202	2171	2097	2024	1964	1961	2021	2372	2562	2473	2309	2142	1860
2613	2583	2521	2486	2484	2714	2902	2869	2850	2763	2682	2485	2243
2705	2648	2574	2529	2538	2809	3036	3025	3012	2956	2931	2711	2361

Hourly load values on the 3rd Wednesday in MW

Hungary

Date	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00
17 / 1 / 2007	4772	4615	4576	4294	4272	4391	5043	5712	5661	5739	5710
21 / 2 / 2007	4805	4628	4588	4368	4289	4420	5031	5459	5561	5668	5714
21 / 3 / 2007	4706	4527	4472	4215	4115	4224	4753	5248	5409	5488	5497
18 / 4 / 2007	4517	4239	4146	4078	3967	4177	4535	5182	5176	5175	5303
16 / 5 / 2007	4468	4135	4105	3994	3969	3977	4396	5021	5055	5119	5144
20 / 6 / 2007	4866	4575	4451	4182	4197	4179	4621	5225	5440	5594	5781
18 / 7 / 2007	5128	4712	4523	4286	4279	4310	4678	5308	5562	5752	5976
15 / 8 / 2007	4666	4334	4139	3914	3871	4104	4371	4827	5091	5260	5470
19 / 9 / 2007	4574	4307	4090	3987	3996	4184	4748	5284	5294	5361	5347
17 / 10 / 2007	4871	4619	4435	4311	4335	4489	5180	5763	5752	5622	5593
21 / 11 / 2007	4927	4726	4543	4396	4367	4552	5128	5564	5635	5731	5746
19 / 12 / 2007	5148	4960	4700	4505	4465	4674	5221	5867	5889	6017	6019

Italy

Date	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00
17 / 1 / 2007	32104	30923	30506	30423	31095	34983	41439	48102	51047	51329	51055
21 / 2 / 2007	32044	30972	30569	30502	31267	35111	40358	46917	49805	50513	50608
21 / 3 / 2007	31540	30485	29977	30003	30696	34065	39122	45873	48922	49494	49466
18 / 4 / 2007	31278	30152	29872	29644	30459	33298	37725	43594	46552	47089	46914
16 / 5 / 2007	31763	30537	30181	30114	30648	32106	37595	43643	46189	47470	47332
20 / 6 / 2007	35441	34096	33394	33053	33422	34592	39854	47230	51294	53051	53964
18 / 7 / 2007	37578	35712	35086	34613	34826	36357	41466	48193	52371	54676	55883
15 / 8 / 2007	26254	24959	23904	23589	23603	23307	23280	24915	26899	27940	28245
19 / 9 / 2007	33075	32004	31725	31306	32168	35318	39270	45285	48041	49012	49238
17 / 10 / 2007	31351	30369	30076	30050	30792	33850	40625	45232	48099	48214	48010
21 / 11 / 2007	32756	31585	31186	31154	32461	35381	42526	48381	51560	51789	51832
19 / 12 / 2007	33781	32341	31816	31825	32435	36320	43575	49806	52533	52707	52159

Luxembourg

Date	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00
17 / 1 / 2007	817	796	791	791	797	805	815	924	979	966	952
21 / 2 / 2007	727	737	716	752	757	754	785	868	898	910	903
21 / 3 / 2007	833	807	812	729	729	719	856	846	880	890	896
18 / 4 / 2007	750	755	745	730	722	713	760	832	925	909	893
16 / 5 / 2007	783	757	752	766	689	670	678	751	804	810	809
20 / 6 / 2007	773	686	693	669	727	690	737	788	789	842	849
18 / 7 / 2007	780	762	772	734	743	688	718	770	812	834	839
15 / 8 / 2007	577	578	522	547	512	569	531	560	586	607	600
19 / 9 / 2007	683	603	679	677	725	743	799	850	849	857	932
17 / 10 / 2007	770	778	763	756	679	681	755	833	865	893	889
21 / 11 / 2007	809	741	748	784	787	795	801	925	953	985	907
19 / 12 / 2007	800	742	755	730	693	680	702	798	846	819	845

Hungary

12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	24:00
5688	5654	5561	5825	5972	5917	6105	6061	6095	5898	5850	5565	5256
5701	5643	5615	5841	5992	5782	5644	6006	6051	5884	5844	5508	5180
5499	5532	5455	5755	5893	5705	5376	5550	5885	5797	5759	5457	5048
5252	5303	5272	5108	5499	5449	5366	5112	5174	5532	5442	5125	4939
5229	5163	5140	4992	5278	5318	5216	4936	4928	5043	5367	5121	4847
5917	5903	5914	5805	6116	6050	5850	5515	5538	5512	5551	5667	5396
6111	6166	6117	5941	6174	6087	6136	5767	5722	5692	5856	5867	5664
5558	5592	5581	5468	5642	5654	5690	5246	5125	5337	5538	5364	5186
5338	5351	5305	5126	5422	5392	5511	5055	5441	5699	5347	5174	5119
5567	5523	5473	5322	5596	5609	5676	5713	6096	5916	5599	5350	5283
5782	5680	5688	5877	6009	6200	6460	6268	6246	6042	6066	5855	5403
5971	5918	5827	6118	6245	6463	6540	6305	6337	6151	6118	6011	5572

Italy

12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	24:00
48808	46628	47929	48815	49294	51977	52602	51310	48461	45416	41359	37949	34330
48081	46142	47288	48023	48765	49116	50809	50834	48540	45635	41467	37542	34032
47178	45715	46228	46952	47671	47560	47280	50359	48364	45407	41063	37166	33941
45165	43285	44580	45468	45055	44516	42654	42277	43839	43546	40540	36761	33480
45983	43850	44862	45682	46107	45458	43828	42774	42389	43212	40106	37081	34296
52873	51417	52577	53483	53500	52996	50899	49052	47037	46983	45642	42547	38433
54762	53733	54480	55169	55798	55200	53157	51006	49116	49106	47497	44025	40766
28336	27509	27112	26649	26492	26821	27153	27802	29395	32026	30994	29127	27003
47832	45980	46571	47454	47677	47956	45767	45712	47275	44872	40984	37981	34947
45684	43839	45161	45965	46077	45823	45480	48962	46744	44854	40370	36881	33789
49744	47856	49363	50688	51857	55216	53827	52293	49383	46862	42074	38396	34884
50846	47636	49398	50323	51535	55196	55100	53562	50576	48011	43814	39910	35686

Luxembourg

12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	24:00
991	957	974	974	962	937	947	950	966	926	841	909	905
924	928	924	909	907	843	828	933	934	877	881	856	830
912	852	885	870	843	791	797	800	849	866	853	821	830
907	861	905	913	941	917	907	900	895	846	888	815	825
830	807	798	782	788	765	775	760	751	752	803	764	710
900	931	949	939	893	946	847	926	904	888	866	845	816
860	851	861	865	813	805	796	784	799	777	764	828	786
545	538	528	574	586	593	606	599	584	594	634	615	570
946	935	943	915	908	888	824	811	819	810	804	745	708
877	896	856	886	860	851	886	952	906	908	855	865	838
909	960	981	997	956	987	1022	1018	998	956	916	889	862
858	841	825	829	802	800	861	878	846	810	777	787	749

Hourly load values on the 3rd Wednesday in MW

Montenegro

Date	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00
17 / 1 / 2007	570	522	500	487	477	484	525	552	578	598	603
21 / 2 / 2007	522	490	462	453	456	460	497	543	537	535	526
21 / 3 / 2007	471	439	423	409	405	415	439	476	493	508	492
18 / 4 / 2007	456	414	403	393	390	402	433	473	497	494	494
16 / 5 / 2007	430	397	383	378	369	379	419	436	449	467	472
20 / 6 / 2007	471	426	406	401	383	397	420	455	479	491	513
18 / 7 / 2007	498	453	431	415	415	424	449	487	520	541	544
15 / 8 / 2007	480	445	426	422	411	414	431	481	507	518	521
19 / 9 / 2007	439	417	396	403	383	399	423	469	483	480	495
17 / 10 / 2007	460	420	408	395	402	408	454	502	516	512	508
21 / 11 / 2007	565	527	492	470	482	483	532	575	596	608	587
19 / 12 / 2007	615	569	551	527	511	525	560	608	647	658	645

FYROM

Date	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00
17 / 1 / 2007	1069	963	905	873	868	897	969	1062	1181	1185	1188
21 / 2 / 2007	1030	931	870	834	829	865	951	1022	1063	1082	1056
21 / 3 / 2007	894	824	780	755	753	799	848	945	1023	1048	1041
18 / 4 / 2007	862	795	758	735	736	774	840	947	982	993	964
16 / 5 / 2007	692	644	623	610	616	618	665	742	791	811	802
20 / 6 / 2007	787	727	696	675	684	669	721	790	865	908	927
18 / 7 / 2007	851	784	753	710	721	711	756	840	897	926	951
15 / 8 / 2007	801	757	712	700	652	645	685	765	824	857	871
19 / 9 / 2007	740	690	675	711	702	687	714	759	809	825	830
17 / 10 / 2007	938	851	787	774	783	803	894	969	1023	1029	1014
21 / 11 / 2007	1125	1033	969	947	940	972	1040	1149	1221	1241	1256
19 / 12 / 2007	1277	1145	1080	1049	1031	1049	1149	1262	1341	1375	1386

The Netherlands

Date	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00
17 / 1 / 2007	11819	11008	10579	10392	10388	10727	12453	14898	16633	17053	17126
21 / 2 / 2007	11543	10839	10388	10167	10122	10606	11960	13832	15211	15998	16104
21 / 3 / 2007	11680	10893	10629	10445	10492	10943	12101	13750	15212	15848	15849
18 / 4 / 2007	11402	10619	10006	9785	9801	10335	11557	13082	14435	14716	14643
16 / 5 / 2007	11651	10720	10275	10017	10030	10552	11656	13088	14212	14857	14842
20 / 6 / 2007	10893	10117	9840	9840	9871	9978	10925	12396	13467	14128	14235
18 / 7 / 2007	11018	10330	10068	9873	9732	9698	10415	11545	12455	12739	13183
15 / 8 / 2007	9869	9247	8958	8829	8899	9159	9956	11222	12363	12974	13168
19 / 9 / 2007	10357	9679	9308	9173	9241	9384	10468	11525	12552	13147	13309
17 / 10 / 2007	11114	10306	9927	9801	9730	10146	11554	13027	14117	14744	14726
21 / 11 / 2007	11084	10481	10179	10017	10116	10683	12117	13809	15043	15667	15712
19 / 12 / 2007	12238	11556	11180	11047	11153	11630	12933	14512	16135	16614	16526

Montenegro

12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	24:00
589	596	619	614	614	611	643	644	630	632	635	620	595
524	513	509	513	521	520	555	598	597	597	598	583	556
514	524	526	529	523	551	572	596	612	610	600	592	558
492	499	491	489	482	478	481	491	525	557	554	528	493
470	469	457	467	467	465	464	459	474	514	523	503	465
512	533	539	541	536	529	505	528	520	549	564	547	521
555	580	473	360	561	544	532	560	568	591	579	577	543
526	529	540	524	496	535	532	543	563	601	585	567	511
490	477	499	501	468	463	482	512	531	543	529	509	466
496	480	481	495	488	485	494	549	574	580	557	543	502
580	585	568	575	585	612	653	654	648	648	637	622	601
639	620	615	617	612	647	692	695	686	691	686	673	647

FYROM

12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	24:00
1165	1154	1185	1202	1209	1271	1298	1320	1303	1287	1277	1269	1192
1029	1016	1017	1024	1009	1018	1143	1227	1222	1205	1177	1160	1104
1052	1057	1089	1100	1139	1140	1164	1258	1254	1235	1192	1160	1086
960	950	951	960	933	903	866	899	1023	1133	1114	1040	949
842	827	838	848	835	822	781	755	791	930	949	869	778
941	891	935	943	926	897	871	873	891	944	1008	936	897
948	977	998	1004	991	966	944	931	919	991	1025	955	933
870	898	896	929	925	885	859	855	876	985	975	888	828
871	891	880	918	907	911	918	972	1021	980	935	867	826
1010	995	987	1014	1007	1001	1037	1194	1239	1243	1167	1102	1023
1232	1228	1240	1275	1291	1365	1430	1409	1386	1355	1324	1306	1265
1387	1403	1454	1495	1498	1536	1556	1545	1536	1501	1483	1461	1404

The Netherlands

12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	24:00
17020	17049	17321	17472	17487	17670	17840	17184	16863	16269	15208	14032	13431
16105	15862	16055	16043	15848	15722	15398	15650	15707	15036	14093	13075	12748
15903	15825	15871	15629	15348	15384	15318	15006	15886	15484	14488	13194	12975
14832	14946	15132	15046	15191	14891	14680	13842	13373	13142	13662	13213	12691
14767	14434	14363	14079	13757	13831	13850	13374	13375	13385	13781	13630	13456
14258	14124	14371	14397	14597	14624	14484	13600	13189	12942	12574	12722	12470
13235	13277	13461	13571	13562	13364	13061	12370	12076	12031	11803	12204	12183
13264	13163	13298	13265	13227	13166	13078	12440	12222	12164	12381	11965	11515
13195	13098	13294	13198	13190	13035	12730	11964	12027	12565	12504	11879	11425
14706	14568	14577	14471	14308	14048	13846	13114	13925	13705	13124	12202	12040
15688	15540	15571	15458	15347	15243	15817	15084	14690	14372	13788	12828	12428
16453	16250	16327	16266	15999	16034	16612	16064	15739	15384	14946	14092	13796

Hourly load values on the 3rd Wednesday in MW

Poland

Date	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00
17 / 1 / 2007	14714	14356	14350	14424	14743	15451	18081	18825	19280	19220	19415
21 / 2 / 2007	15559	15059	14784	14774	14902	15427	16857	18208	19058	19295	19411
21 / 3 / 2007	14996	14433	14154	14151	14295	14526	15886	17784	18761	19051	19159
18 / 4 / 2007	13868	13336	13047	13012	13149	13269	14817	16636	17469	17734	17684
16 / 5 / 2007	13544	12959	12735	12726	12563	12459	14235	16267	17142	17426	17528
20 / 6 / 2007	14098	13445	13079	12864	12380	12509	14276	16200	17069	17470	17520
18 / 7 / 2007	14174	13502	13211	13148	12745	12671	14068	15796	16973	17368	17602
15 / 8 / 2007	13412	12692	12252	12043	11788	10993	10805	11435	12394	13200	13507
19 / 9 / 2007	14018	13544	13255	13263	13350	13878	15285	16938	17764	17965	17887
17 / 10 / 2007	14920	14370	14174	14125	14303	14927	16798	18192	18837	18944	18766
21 / 11 / 2007	16150	15687	15377	15364	15483	16006	17929	19351	20136	20366	20260
19 / 12 / 2007	16472	15851	15360	15380	15566	16098	18187	20107	20917	21089	21106

Portugal

Date	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00
17 / 1 / 2007	6354	5681	5310	5095	5034	5002	5062	5523	6473	7272	7697
21 / 2 / 2007	5783	5279	4830	4691	4661	4613	4756	5244	5845	7046	7529
21 / 3 / 2007	5843	5270	4975	4785	4750	4749	4882	4951	5888	6909	7128
18 / 4 / 2007	5424	4962	4624	4517	4402	4420	4546	4682	5368	6423	6747
16 / 5 / 2007	5395	4974	4638	4505	4451	4473	4577	4564	5452	6423	6737
20 / 6 / 2007	5465	4907	4616	4462	4473	4503	4507	4589	5385	6373	6743
18 / 7 / 2007	5677	5213	4902	4725	4624	4582	4691	4660	5373	6400	6801
15 / 8 / 2007	5180	4858	4505	4317	4201	4178	4222	4050	4104	4402	4776
19 / 9 / 2007	5491	5017	4768	4576	4553	4546	4590	4989	5570	6484	6880
17 / 10 / 2007	5347	4949	4679	4574	4497	4474	4569	4971	5603	6494	6810
21 / 11 / 2007	5938	5407	5139	4943	4867	4793	4880	5313	5976	6982	7342
19 / 12 / 2007	7159	6332	5849	5531	5377	5334	5454	5857	6698	7752	8287

Romania

Date	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00
17 / 1 / 2007	6192	5932	5771	5716	5664	5712	5902	6299	7010	7164	7218
21 / 2 / 2007	6732	6564	6512	6552	6763	6987	7253	7373	7392	7234	6873
21 / 3 / 2007	5834	5792	5812	5910	5958	5940	5959	6220	6240	6159	6362
18 / 4 / 2007	5455	5348	5278	5265	5177	5405	5585	6002	6211	6291	6270
16 / 5 / 2007	5262	5119	5069	5055	5116	5281	5583	6086	6310	6461	6430
20 / 6 / 2007	5510	5402	5342	5354	5318	5456	5893	6363	6603	6712	6774
18 / 7 / 2007	5795	5631	5605	5639	5557	5637	6160	6665	6951	7068	7175
15 / 8 / 2007	5150	5040	5015	5044	5147	5150	5448	5867	6041	6069	6117
19 / 9 / 2007	5202	5163	5097	5070	5221	5455	5926	6145	6364	6366	6304
17 / 10 / 2007	5748	5640	5604	5566	5715	6080	6690	6916	6943	6888	6782
21 / 11 / 2007	6121	6016	5922	6020	6260	6704	7234	7476	7662	7544	7428
19 / 12 / 2007	6614	6513	6428	6454	6679	7124	7794	8131	8229	8198	8179

Poland

12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	24:00
19563	19588	19023	19196	19483	21169	20962	20856	20458	19454	17856	16720	15413
19597	19710	19808	19407	19079	18912	20178	20739	20929	20292	19121	17783	16619
19426	19556	19709	19457	19066	18892	19147	20180	20539	19929	18588	17111	15959
17883	17884	17864	17638	17385	17078	16785	16696	17326	18803	18056	16454	15190
17653	17793	17635	17307	17053	16777	16448	16198	16443	17019	17409	16167	14879
17782	17803	17829	17539	17459	17175	16841	16504	16492	16558	17005	16691	15283
17903	17864	17791	17449	17162	16804	16513	16344	16320	16500	17068	16516	15218
13507	13527	13372	13094	12883	12646	12578	12681	12864	13977	14425	13724	12738
18082	18105	18041	17769	17552	17323	17159	17590	19596	19556	18091	16643	15399
18809	18632	18571	18220	17936	17618	17883	19975	20551	19776	18545	16984	15866
20353	20325	20391	20100	20326	21838	21999	21685	21546	20770	19456	18278	17085
21355	21459	21596	21307	21635	22601	22558	22177	22072	21382	20229	18889	17494

Portugal

12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	24:00
7865	7897	7310	7469	7634	7589	7570	7959	8363	8278	7993	7672	7173
7644	7685	7234	7484	7613	7471	7474	7364	8177	8224	7945	7691	7261
7323	7384	6839	7105	7203	7158	7082	6762	7125	7846	7616	7228	6815
6814	6876	6329	6639	6794	6737	6675	6381	6369	6368	6906	6704	6218
6898	6988	6465	6714	6837	6744	6662	6451	6345	6328	6534	6670	6279
6880	7004	6527	6764	6794	6727	6643	6498	6322	6185	6161	6564	6157
7020	7136	6726	6853	6975	6913	6826	6701	6540	6414	6282	6720	6389
5053	5322	5278	5051	5008	4861	4795	4834	4927	5087	5547	5538	5264
7005	7086	6644	6929	7101	7050	6956	6738	6565	6994	7018	6678	6161
6890	6950	6470	6754	6875	6832	6717	6589	6716	7370	6981	6587	6079
7516	7567	7044	7259	7431	7375	7469	8022	8107	7956	7655	7307	6789
8518	8703	8212	8361	8614	8609	8750	9052	9132	9021	8740	8363	7825

Romania

12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	24:00
7095	7017	6959	6979	6832	6761	6916	7305	7619	7583	7458	7112	6667
6811	6840	6775	6697	6593	6751	7246	7375	7589	7471	7158	6944	6719
6345	6342	6314	6412	6401	6519	6561	6677	6739	6476	6280	6118	6080
6137	6135	6208	6154	5998	5895	5860	5847	6077	6568	6593	6221	5717
6585	6672	6615	6473	6222	6083	5983	5903	5945	6550	6472	6147	5881
6805	6846	6769	6562	6495	6411	6218	6257	6301	6561	6724	6243	5798
7266	7256	7290	7105	6878	6806	6633	6546	6693	6918	7038	6530	6254
6149	6277	6225	6105	6023	5929	5780	5745	5980	6436	6198	5814	5587
6293	6379	6360	6267	6178	6151	6211	6640	7008	6777	6220	5791	5520
6674	6712	6644	6400	6245	6255	6530	7346	7475	7173	6703	6322	5942
7292	7352	7248	7164	7368	7969	8025	7950	7865	7532	7059	6711	6481
8169	8088	8036	7956	8125	8606	8681	8575	8449	8047	7558	7125	6773

Hourly load values on the 3rd Wednesday in MW

Serbia

Date	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00
17 / 1 / 2007	5034	4758	4450	4277	4212	4380	4880	5400	5670	5665	5604
21 / 2 / 2007	4862	4444	4117	3913	3896	4197	4682	5314	5384	5368	5311
21 / 3 / 2007	4341	3964	3712	3582	3572	3774	4402	4968	5146	5114	5080
18 / 4 / 2007	3614	3237	2993	2912	2928	3125	3684	4280	4395	4441	4343
16 / 5 / 2007	3272	2843	2620	2523	2542	2669	3170	3734	3871	3937	4008
20 / 6 / 2007	3380	3019	2789	2654	2605	2732	3170	3674	3895	4103	4113
18 / 7 / 2007	3490	3136	2863	2735	2747	2823	3225	3642	3932	4088	4280
15 / 8 / 2007	3208	2984	2711	2610	2663	2764	3001	3485	3765	3899	3924
19 / 9 / 2007	3212	2889	2856	2792	2740	2810	3228	3735	3988	4101	4233
17 / 10 / 2007	4378	3968	3662	3539	3482	3762	4352	4917	5033	5010	4913
21 / 11 / 2007	5293	4918	4608	4477	4440	4600	5241	5763	5876	5897	5799
19 / 12 / 2007	5961	5512	5273	5063	4937	5101	5668	6266	6492	6534	6492

Slovenia

Date	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00
17 / 1 / 2007	1405	1354	1308	1314	1332	1411	1766	2006	2028	2021	1998
21 / 2 / 2007	1381	1341	1330	1344	1343	1442	1785	1928	1969	1934	1925
21 / 3 / 2007	1446	1365	1360	1346	1369	1457	1765	1933	1954	1945	1917
18 / 4 / 2007	1356	1265	1261	1254	1281	1392	1674	1870	1873	1795	1793
16 / 5 / 2007	1410	1358	1322	1316	1337	1415	1676	1889	1915	1881	1887
20 / 6 / 2007	1490	1431	1355	1362	1363	1418	1704	1915	1971	1984	1937
18 / 7 / 2007	1445	1400	1370	1362	1373	1411	1666	1861	1918	1941	1940
15 / 8 / 2007	1294	1223	1193	1173	1151	1169	1191	1273	1344	1409	1433
19 / 9 / 2007	1323	1271	1241	1252	1254	1378	1715	1856	1903	1883	1871
17 / 10 / 2007	1403	1356	1317	1328	1334	1482	1823	2024	1996	1932	1927
21 / 11 / 2007	1455	1407	1365	1376	1395	1516	1860	2082	2072	2053	2047
19 / 12 / 2007	1482	1444	1407	1412	1429	1557	1918	2115	2088	2077	2057

Slovak Republic

Date	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00
17 / 1 / 2007	3309	3247	3224	3218	3450	3575	3978	3946	4062	4007	4007
21 / 2 / 2007	3300	3250	3191	3209	3325	3542	3593	3847	3832	3844	3857
21 / 3 / 2007	3232	3064	3060	3101	3156	3364	3654	3705	3816	3822	3826
18 / 4 / 2007	2985	2823	2795	2790	2908	3025	3344	3472	3547	3537	3572
16 / 5 / 2007	2864	2797	2721	2725	2745	2871	3240	3385	3375	3378	3385
20 / 6 / 2007	3076	2971	2890	2878	2870	2900	3159	3366	3420	3416	3478
18 / 7 / 2007	2936	2786	2730	2728	2718	2743	3039	3241	3398	3464	3493
15 / 8 / 2007	2798	2637	2607	2598	2638	2657	2873	3065	3217	3261	3275
19 / 9 / 2007	2948	2855	2769	2756	2815	2919	3259	3457	3513	3511	3471
17 / 10 / 2007	3210	3123	3032	3028	3090	3237	3647	3779	3774	3705	3652
21 / 11 / 2007	3466	3356	3283	3279	3355	3494	3849	4014	4031	4056	4012
19 / 12 / 2007	3689	3581	3509	3497	3559	3704	4051	4220	4262	4277	4277

Serbia

12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	24:00
7095	7017	6959	6979	6832	6761	6916	7305	7619	7583	7458	7112	6667
6811	6840	6775	6697	6593	6751	7246	7375	7589	7471	7158	6944	6719
6345	6342	6314	6412	6401	6519	6561	6677	6739	6476	6280	6118	6080
6137	6135	6208	6154	5998	5895	5860	5847	6077	6568	6593	6221	5717
6585	6672	6615	6473	6222	6083	5983	5903	5945	6550	6472	6147	5881
6805	6846	6769	6562	6495	6411	6218	6257	6301	6561	6724	6243	5798
7266	7256	7290	7105	6878	6806	6633	6546	6693	6918	7038	6530	6254
6149	6277	6225	6105	6023	5929	5780	5745	5980	6436	6198	5814	5587
6293	6379	6360	6267	6178	6151	6211	6640	7008	6777	6220	5791	5520
6674	6712	6644	6400	6245	6255	6530	7346	7475	7173	6703	6322	5942
7292	7352	7248	7164	7368	7969	8025	7950	7865	7532	7059	6711	6481
8169	8088	8036	7956	8125	8606	8681	8575	8449	8047	7558	7125	6773

Slovenia

12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	24:00
2002	1994	1947	1982	1913	1949	2030	2049	2040	1944	1782	1643	1509
1945	1936	1900	1858	1818	1853	1909	2032	2015	1921	1758	1642	1490
1940	1922	1857	1908	1878	1890	1882	2049	2121	2029	1857	1707	1531
1817	1826	1822	1778	1772	1791	1736	1762	1841	1898	1742	1601	1473
1930	1926	1916	1876	1857	1831	1804	1814	1820	1868	1826	1688	1556
1992	2022	1981	2000	1976	1944	1882	1853	1887	1904	1903	1801	1665
2018	2017	1988	1983	1956	1912	1902	1865	1866	1853	1863	1776	1652
1476	1429	1404	1373	1365	1334	1332	1343	1384	1470	1496	1435	1333
1909	1913	1897	1830	1814	1789	1747	1752	1936	1958	1783	1617	1480
1957	1932	1880	1866	1833	1820	1807	2002	2060	2014	1809	1590	1517
2094	2086	2036	2045	2020	2122	2173	2080	2040	1958	1777	1656	1503
2058	2043	1995	1967	1930	2070	2152	2168	2146	2061	1881	1755	1615

Slovak Republic

12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	24:00
4006	3888	3930	3953	4070	4189	4097	4038	4034	3816	3683	3603	3487
3828	3792	3719	3732	3757	3764	3947	4003	3936	3786	3638	3556	3408
3774	3909	3821	3826	3753	3805	3812	3982	3792	3783	3584	3520	3383
3612	3575	3503	3528	3415	3354	3325	3408	3642	3542	3366	3224	3113
3319	3415	3316	3320	3292	3265	3164	3225	3296	3380	3178	3103	3074
3497	3546	3528	3503	3472	3443	3371	3311	3343	3371	3397	3305	3156
3516	3543	3502	3431	3407	3300	3269	3240	3276	3302	3332	3269	3130
3313	3336	3342	3301	3265	3180	3111	3068	3111	3242	3186	3084	2961
3326	3481	3467	3459	3402	3365	3328	3416	3662	3621	3401	3281	3182
3619	3615	3609	3570	3538	3532	3561	3816	3867	3791	3577	3405	3299
4001	3995	3983	3984	4036	4198	4238	4165	4138	4036	3824	3722	3594
4277	4241	4280	4256	4285	4416	4418	4351	4290	4220	4036	3927	3793

Hourly load values on the 3rd Wednesday in MW

UCTE

Date	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00
17 / 1 / 2007	280279	269531	261590	257123	260335	275365	311054	345806	361884	363890	365720
21 / 2 / 2007	276994	267866	259925	256501	259393	274059	303333	332022	347325	353705	355720
21 / 3 / 2007	278815	271829	265665	261849	265344	281306	308894	335724	350475	355536	357368
18 / 4 / 2007	242799	232577	225965	222954	226481	243687	273753	301155	315705	320839	323227
16 / 5 / 2007	241838	231972	225610	223000	225943	237943	268806	298436	313503	320823	323734
20 / 6 / 2007	250355	239352	232260	228449	229592	239556	270549	304119	323232	333045	339158
18 / 7 / 2007	255805	243904	236708	232434	233643	243440	270031	300979	320741	333257	341514
15 / 8 / 2007	228800	218389	210101	205610	204976	208606	217326	233185	249098	259813	266325
19 / 9 / 2007	245670	236462	231171	228204	232788	249902	283606	308966	322665	328556	331518
17 / 10 / 2007	253545	244484	238112	235557	239584	258055	297852	327485	336609	339224	339605
21 / 11 / 2007	284746	274570	267273	263550	267112	283803	320732	350903	364126	368026	368921
19 / 12 / 2007	314330	305988	298321	293395	295408	312745	348772	381546	393604	396135	394676

Ukraine West

Date	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00
17 / 1 / 2007	593	587	584	586	613	691	778	804	795	820	762
21 / 2 / 2007	588	566	593	591	606	694	715	741	734	748	738
21 / 3 / 2007	526	519	521	495	561	605	666	708	750	731	726
18 / 4 / 2007	471	482	468	465	464	580	574	610	639	626	599
16 / 5 / 2007	421	416	424	401	408	458	514	591	592	574	556
20 / 6 / 2007	456	442	455	423	464	512	532	583	618	632	618
18 / 7 / 2007	469	472	453	450	478	504	539	624	614	604	600
15 / 8 / 2007	483	454	456	461	486	499	553	619	655	619	643
19 / 9 / 2007	431	450	441	422	455	501	608	627	612	599	587
17 / 10 / 2007	537	566	540	555	550	644	707	699	687	683	675
21 / 11 / 2007	611	620	610	617	646	744	774	785	775	767	762
19 / 12 / 2007	648	620	650	623	660	738	818	838	866	849	828

UCTE

12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	24:00
364732	359323	356828	353561	353127	360267	373006	377885	369522	353179	335992	322722	303033
354795	349141	345954	340672	338313	336358	346007	363705	361289	345673	327425	315183	297640
357800	354084	349715	347495	344395	341380	342649	359281	366443	351193	329734	318245	299190
324413	320046	316864	314287	310849	306007	301269	300137	303612	310081	300834	284880	264309
325530	321837	318112	315149	312218	307581	302945	300633	298629	300072	294920	282980	263723
342413	340193	337551	335773	333062	329042	322474	316863	309296	303210	300215	294222	273394
345258	343748	341084	338167	335403	330178	324477	318498	310790	304584	303257	298020	279013
271157	272283	267799	263065	259098	256509	256413	257652	259160	267494	267714	257707	240325
332416	328250	325050	322197	319404	315947	312995	314779	327369	323757	302098	285989	266018
338514	333957	331321	328538	325801	322626	323780	343114	349548	334092	310477	293919	274915
367861	362284	359377	358452	358901	369831	383812	382793	371402	354466	333522	322828	303027
392939	386355	382926	380461	381522	395662	411018	409107	399235	384309	365590	355889	334033

Ukraine West

12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	24:00
775	763	791	792	807	896	917	879	829	780	715	665	617
713	743	705	682	713	756	847	865	786	772	700	609	586
664	690	702	671	685	725	754	815	773	716	632	592	559
596	639	636	619	635	653	681	681	741	715	606	541	512
568	564	587	556	560	566	558	548	600	658	593	508	448
585	628	589	593	545	552	582	541	559	635	605	531	462
633	614	618	607	594	588	567	554	566	671	632	544	489
618	622	619	637	582	576	578	572	651	709	624	525	493
576	584	554	547	531	580	546	685	695	675	551	470	455
654	647	638	657	649	654	763	831	803	741	644	581	541
733	740	776	766	792	869	866	837	805	794	708	660	601
826	782	831	810	878	890	890	890	829	810	707	699	632

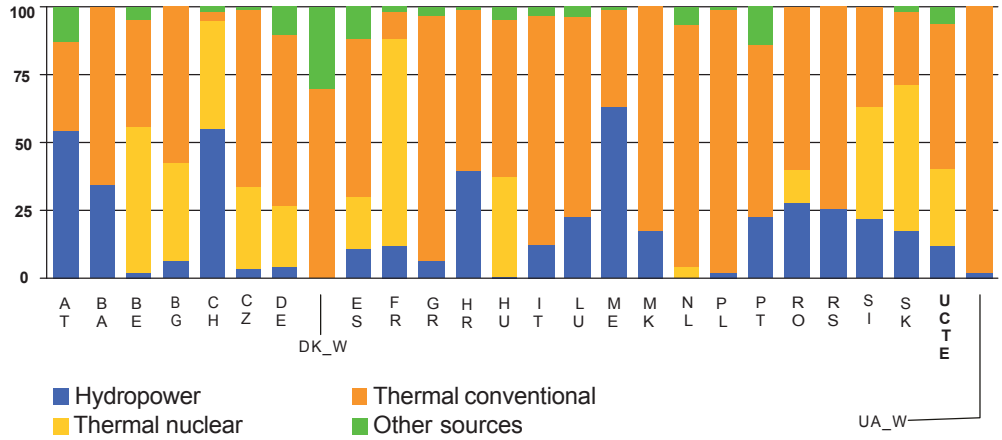
3 SYSTEM INFORMATION

Tables and graphs [1]

III

[1] **All values of production and consumption are calculated to represent 100% of the national values**

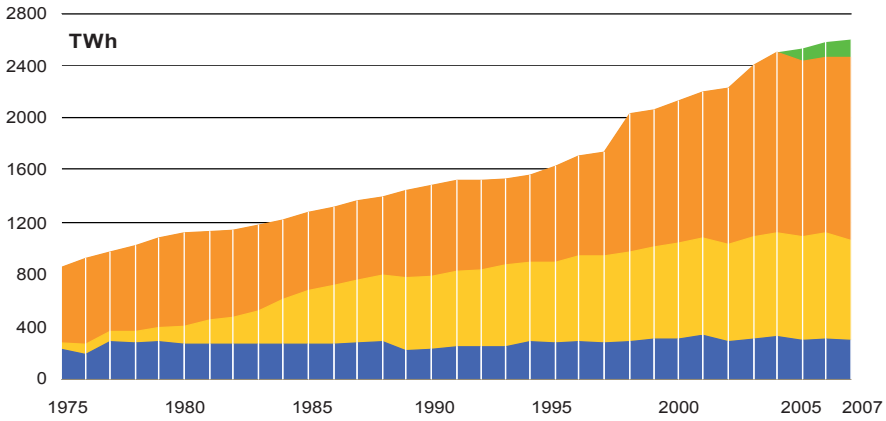
T1 Net electricity production[1] and its structure



Country	Thermal nuclear TWh	%	Thermal conventional TWh	%	Hydro-production TWh	%	Other renewable TWh	%	of which wind TWh	Not clearly identifiable TWh	%	Total TWh
AT	-	-	21,0	32,9	34,8	54,5	-	-	-	8,03	12,6	**63,8**
BA	-	-	7,8	66,0	4,0	34,0	-	-	-	-	-	**11,8**
BE [3]	45,9	54,0	33,7	39,7	1,7	2,0	3,6	4,3	0,49	-	-	**84,9** [2]
BG	13,6	35,7	22,1	57,9	2,4	6,4	-	-	-	-	-	**38,2**
CH	26,3	40,0	2,1	3,3	36,4	55,2	1,1	1,6	0,01	-	-	**65,9** [2]
CZ	24,6	30,2	54,0	66,3	2,5	3,1	0,3	0,4	0,12	-	-	**81,4** [2]
DE [4]	133,2	22,8	366,0	62,7	24,4	4,2	60,5	10,4	39,54	-	-	**584,0** [2]
DK_W	-	-	16,4	69,6	0,03	0,1	7,1	30,3	5,62	-	-	**23,6** [2]
ES	52,7	19,0	161,9	58,3	29,9	10,8	33,4	12,0	26,89	-	-	**277,9**
FR	418,6	76,9	55,0	10,1	63,2	11,6	7,9	1,5	4,05	-	-	**544,7** [2]
GR [5]	-	-	47,6	90,7	3,4	6,4	1,5	2,9	1,33	-	-	**52,5** [2]
HR	-	-	6,7	60,2	4,4	39,4	0,04	0,4	0,04	-	-	**11,1** [2]
HU	13,8	37,0	21,8	58,5	0,2	0,6	1,5	4,0	0,11	-	-	**37,3** [2]
IT	-	-	253,9	84,2	38,0	12,6	9,6	3,2	4,03	-	-	**301,4**
LU	-	-	2,9	73,2	0,9	22,9	0,2	3,8	0,07	-	-	**3,9**
ME	-	-	0,8	37,1	1,3	62,7	0,004	0,2	-	-	-	**2,1**
MK	-	-	5,0	82,6	1,1	17,4	-	-	-	-	-	**6,1**
NL	4,0	4,0	88,6	89,2	0,1	0,1	6,6	6,7	3,44	0,01	0,01	**99,3** [2]
PL	-	-	145,1	97,8	2,7	1,8	0,6	0,4	0,51	-	-	**148,4** [2]
PT	-	-	28,4	63,5	10,2	22,9	6,1	13,6	4,01	-	-	**44,6** [2]
RO	7,1	12,5	33,7	59,8	15,6	27,7	-	-	-	-	-	**56,4** [2]
RS	-	-	29,0	74,5	9,9	25,5	-	-	-	-	-	**38,9**
SI	5,4	41,5	4,8	36,9	2,8	21,6	-	-	-	-	-	**13,1** [2]
SK	14,2	54,4	7,1	27,1	4,5	17,3	0,3	1,2	0,01	-	-	**26,1** [2]
UCTE[6]	**759,4**	**29,1**	**1408,6**	**54,0**	**294,2**	**11,3**	**136,9**	**5,3**	**87,45**	**8,04**	**0,3**	**2607,1** [2]
UA_W	-	-	8,1	98,2	0,1	1,8	-	-	-	-	-	**8,2**

[1] All net production values are calculated to represent 100% of the national values. The percentage as referred to the national values are specified on page 10 and page 11 of this Yearbook.
[2] Including deliveries from industry
[3] The reported figures are best estimates based on actual measurements and extrapolations.
[4] Calculated values
[5] The values for Greece refer to the interconnected system and not to the whole country.
[6] Including DK_W values from June 2007 on.

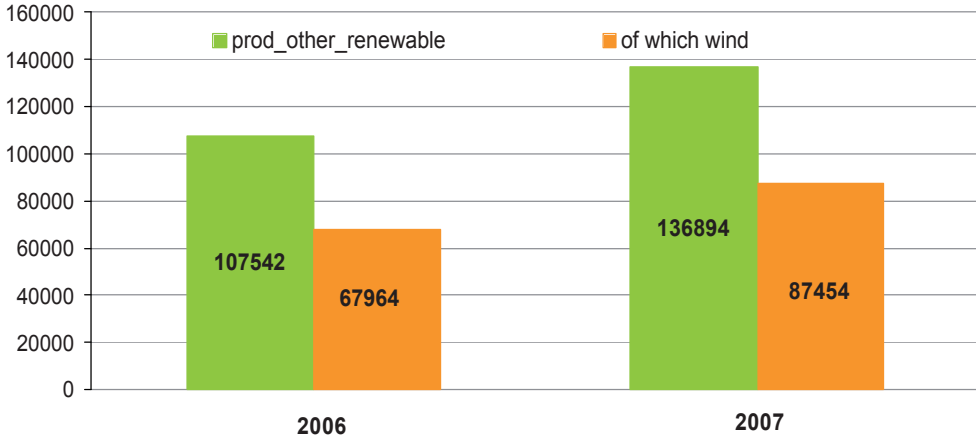
T2 Development of net production of electricity [1]



Year	Hydro power TWh	Thermal nuclear TWh	Thermal conventional TWh	Other sources [2] TWh	Total TWh
1975	222,9	50,0	585,4		858,3
1976	191,2	69,5	669,1		929,8
1977	276,2	82,2	610,4		968,8
1978	266,1	97,4	659,9		1023,4
1979	275,4	110,6	691,3		1077,3
1980	263,4	133,9	712,1		1109,4
1981	256,4	191,0	678,4		1125,8
1982	258,0	211,2	665,5		1134,7
1983	255,9	258,8	653,3		1168,0
1984	257,0	348,5	617,3		1222,8
1985	255,2	426,3	597,3		1278,8
1986	253,3	464,4	593,6		1311,3
1987	264,9	483,0	607,7		1442,1
1988	282,9	514,6	597,0		1483,5
1989	216,2	551,6	669,2		1528,7
1990	222,8	558,5	690,6		1565,9
1991	246,2	579,6	701,7		1625,0
1992	240,2	591,2	689,5		1618,0
1993	251,2	616,9	664,9		1630,0
1994	278,8	606,1	674,7		1657,5
1995 [3]	265,8	627,7	732,8		1740,2
1996	284,6	657,2	770,1		1841,4
1997	272,0	665,2	792,1		1861,3
1998 [4]	284,4	689,5	1057,7		2172,3
1999	302,0	705,5	1053,0		2165,4
2000	305,1	733,8	1093,4		2246,4
2001	331,6	744,4	1129,8		2291,0
2002	276,1	757,6	1187,6		2303,8
2003 [5]	307,4	787,4	1305,7		2484,6
2004	319,8	798,6	1386,3		2525,2
2005	292,4	792,6	1349,1	98,2	2540,4
2006	305,4	801,9	1354,3	115,8	2584,9
2007 [6]	294,2	759,4	1402,2	143,3	2607,1

[1] Values of detailed production are national values; total net production values are calculated to represent 100% of the national values.
[2] Before 2005, the information on other renewable energy sources was collected in a different manner. Some countries added them to thermal conventional, some considered them as the part of not represented in the figures (through the factor "representativity").
[3] As of September 1995 total German values
[4] Including values of CZ, HU, PL, SK as of 1998
[5] Including values of RO, BG as of 2003
[6] Including values of DK_W as of June 2007

UCTE Production renewable energy sources including wind power in the year 2006 and 2007 in GWh



month	other renew	of which wind	other renew	of which wind
January	9143	6082	15254	11579
February	8029	5095	11348	7815
March	9996	6727	13084	9158
April	8215	5068	8567	4774
May	8857	5693	10409	6441
June	6462	3181	9088	5031
July	5916	2834	11142	6759
August	8536	5212	10429	5961
September	7797	4553	11237	6887
October	10621	6859	9292	4904
November	11834	8198	13670	9182
December	12136	8462	13373	8963
sum 2006	**107542**	**67964**	**sum 2007**	**136894**	**87454**

[1] All values are calculated to represent 100% of the national values. The percentage as referred to the national values are specified on page 10 and page 11 of this yearbook.

National electricity consumption

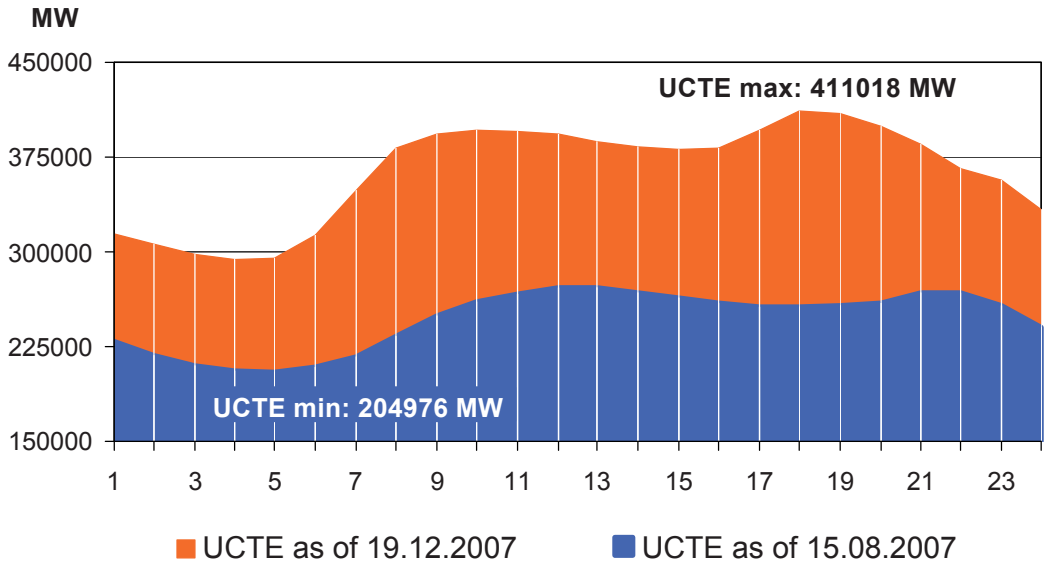
Country	GWh	Δ % [1]	repr % [2]	Country	GWh	Δ % [1]	repr % [2]
AT	67439	1,4	100	HU	41289	1,6	100
BA	11171	0,6	100	IT	339928	0,7	100
BE	89915	- 0,5	100	LU	6777	2,4	100
BG	33126	- 7,1	100	ME	4654	n.a.	100
CH [3]	63060	- 0,3	100	MK	8566	2,3	100
CZ	64663	0,6	100	NL	116955	0,7	100
DE	555899	- 0,6	100	PL	142206	4,2	100
DK_W	21794	0,3	100	PT	51584	1,7	97
ES	267799	3,2	98	RO	54119	2,1	100
FR	480308	0,4	100	RS	37839	n.a.	100
GR [4]	55688	3,2	100	SI	13448	0,9	95
HR	17380	3,4	100	SK	27581	1,4	100
UCTE [5]	**2563964**	**2,1**		UA_W	4271	- 1,3	100

National annual maximum load in each country [6]

Country	Date	Day	Time	MW	Δ % [1]
AT	17 December	Monday	05:30 p.m.	9438	- 0,5
BA	31 December	Monday	06:00 p.m.	2078	2,9
BE	17 December	Monday	06:00 p.m.	14205	2,1
BG	31 December	Monday	06:00 p.m.	6888	- 0,6
CH	19 December	Wednesday	06:15 p.m.	9953	- 2,6
CZ	29 November	Thursday	05:00 p.m.	10174	- 3,0
DE	03 December	Monday	06:00 p.m.	78500	0,9
DK_W [7]	17 December	Monday	06:00 p.m.	3767	0,3
ES	17 December	Monday	08:00 p.m.	44876	6,5
FR	17 December	Monday	06:58 p.m.	88960	3,1
GR [4]	23 July	Monday	01:00 p.m.	10414	5,3
HR	17 December	Monday	06:00 p.m.	3098	2,0
HU	29 November	Thursday	05:00 p.m.	6180	1,7
IT	18 December	Tuesday	05:00 p.m.	56822	2,2
LU	10 December	Monday	06:00 p.m.	1061	2,5
ME	23 December	Sunday	06:00 p.m.	744	n.a.
MK	23 December	Sunday	07:00 p.m.	1664	6,3
NL	20 December	Thursday	05:00 p.m.	15863	- 3,8
PL	18 December	Tuesday	05:00 p.m.	22729	0,2
PT	18 December	Tuesday	07:45 p.m.	9099	3,4
RO	19 December	Wednesday	05:00 p.m.	8681	6,5
RS	31 December	Monday	06:00 p.m.	7305	n.a.
SI	19 December	Wednesday	07:00 p.m.	2087	- 1,1
SK	19 December	Wednesday	06:00 p.m.	4418	- 0,1
UA_W	27 December	Thursday	07:00 p.m.	1025	- 0,3

[1] As compared to the last year.
[2] Percentage as referred to the total values of a country.
(The total values of a country are defined as the synchronously interconnected system plus the areas directly connected via AC or DC to the mainland system.)
[3] Calculations based on the UCTE database differ from the official values from the Swiss Federal Office of Energy.
[4] The values for Greece refer to the interconnected system and not to the whole country.
[5] From June 2007 including values of DK_W
[6] The maximum load values of each country are specified in the System Adequacy Retrospect 2007 published on 26 June 2008.
[7] The values of DK_W are collected as monthly hourly load values and not contained in the SA Retrospect 2007.

G1 Highest and lowest load on 3rd Wednesday in 2007



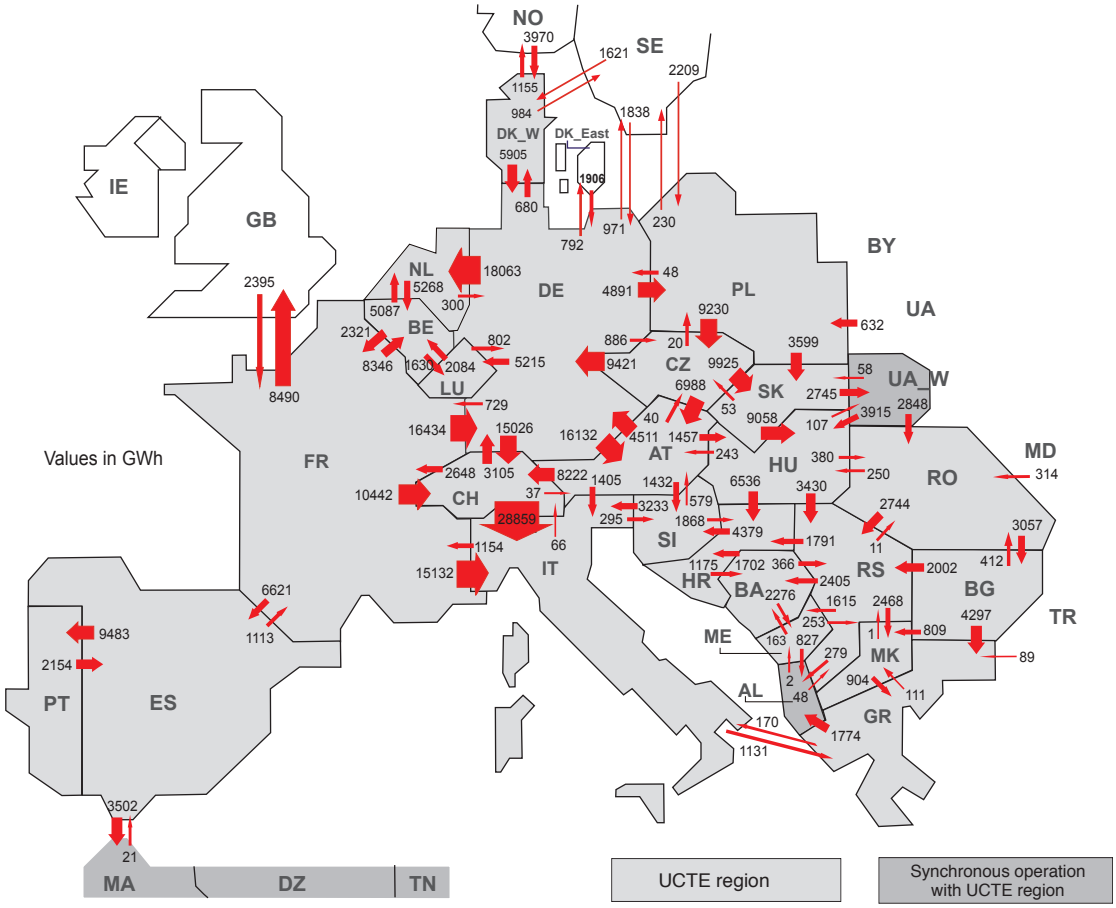
Highest load 3rd Wednesday of each country

Country	MW	Date	Time
AT	9265	19 December	06:00 p.m.
BA	1974	19 December	06:00 p.m.
BE[1]	13789	19 December	07:00 p.m.
BG	6839	19 December	07:00 p.m.
CH	9953	19 December	06:00 p.m.
CZ	10031	19 December	03:00 p.m.
DE[1]	82787	17 January	07:00 p.m.
DK_W	3713	19 December	09:00 a.m.
ES	43352	19 December	06:00 p.m.
FR	87897	19 December	07:00 p.m.
GR[2]	9771	18 July	01:00 p.m.
HR	3036	19 December	06:00 p.m.
HU	6540	19 December	06:00 p.m.
IT	55883	18 July	11:00 a.m.
LU	1022	21 November	06:00 p.m.
ME	695	19 December	07:00 p.m.
MK	1556	19 December	06:00 p.m.
NL	17840	17 January	06:00 p.m.
PL	22601	19 December	05:00 p.m.
PT	9132	19 December	08:00 p.m.
RO	8681	19 December	06:00 p.m.
RS	6534	19 December	10:00 a.m.
SI	2173	21 November	06:00 p.m.
SK	4418	19 December	06:00 p.m.
UCTE	**411018**	**19 December**	**06:00 p.m.**
UA_W	917	17 January	06:00 p.m.

Lowest load 3rd Wednesday of each country

MW	Date	Time
4317	15 August	05:00 a.m.
887	15 August	04:00 a.m.
7508	15 August	07:00 a.m.
3066	16 May	05:00 a.m.
4866	15 August	04:00 a.m.
5808	15 August	04:00 a.m.
47184	15 August	03:00 a.m.
1637	18 July	04:00 a.m.
20946	15 August	07:00 a.m.
33821	15 August	07:00 a.m.
4267	17 October	04:00 a.m.
1282	16 May	04:00 a.m.
3871	15 August	05:00 a.m.
23280	15 August	07:00 a.m.
512	15 August	05:00 a.m.
360	18 July	03:00 a.m.
610	16 May	04:00 a.m.
8829	15 August	04:00 a.m.
10805	15 August	07:00 a.m.
4050	15 August	08:00 a.m.
5015	15 August	03:00 a.m.
2523	16 May	04:00 a.m.
1151	15 August	05:00 a.m.
2598	15 August	04:00 a.m.
204976	**15 August**	**05.00 a.m.**
401	16 May	04:00 a.m.

[1] The reported figures are best estimated based on actual measurements.
[2] The values for Greece refer to the interconnected system and not to the whole country.

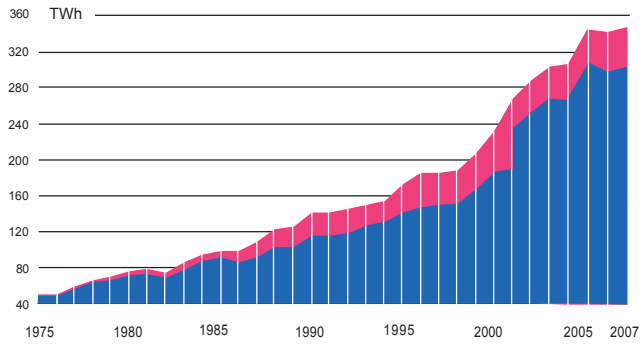


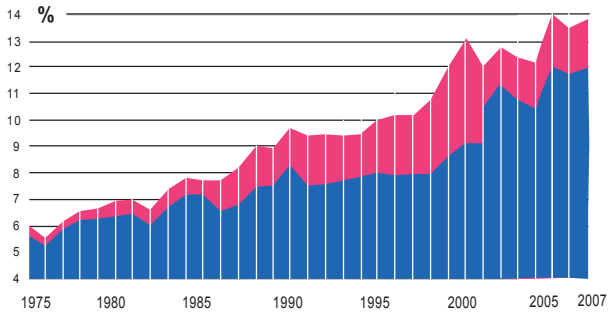
Exporting countries	Importing countries																									Sum export
	AT	BA	BE	BG	CH	CZ	DE	DK_W	ES	FR	GR	HR	HU	IT	LU	ME	MK	NL	PL	PT	RO	RS	SI	SK	UA_W	Other[1]	
AT	-	-	-	-	8222	40	4511	-	-	-	-	-	1457	1405	-	-	-	-	-	-	-	-	1432	-	-	-	17067
BA	-	-	-	-	-	-	-	-	-	-	-	1702	-	-	-	2276	-	-	-	-	-	366	-	-	-	-	4344
BE	-	-	-	-	-	-	-	-	-	2321	-	-	-	-	1630	-	-	5087	-	-	-	-	-	-	-	-	9038
BG	-	-	-	-	-	-	-	-	-	-	4297	-	-	-	-	-	809	-	-	-	412	2002	-	-	-	0	7520
CH	37	-	-	-	-	-	3105	-	-	2648	-	-	-	28859	-	-	-	-	-	-	-	-	-	-	-	-	34649
CZ	6988	-	-	-	-	-	9421	-	-	-	-	-	-	-	-	-	-	-	20	-	-	-	-	9925	-	-	26354
DE	16132	-	-	-	15026	886	-	680	-	729	-	-	-	-	5215	-	-	18063	4891	-	-	-	-	-	-	1763	63385
DK_W	-	-	-	-	-	-	5905	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2139	8044
ES	-	-	-	-	-	-	-	-	-	1113	-	-	-	-	-	-	-	-	-	9483	-	-	-	-	-	3502	14098
FR	-	-	8346	-	10442	-	16434	-	6621	-	-	-	-	15132	-	-	-	-	-	-	-	-	-	-	-	8490	65465
GR	-	-	-	0	-	-	-	-	-	-	-	-	-	170	-	-	111	-	-	-	-	-	-	-	-	1774	2055
HR	-	1175	-	-	-	-	-	-	-	-	-	-	0	-	-	-	-	-	-	-	-	-	4379	-	-	-	5554
HU	243	-	-	-	-	-	-	-	-	-	-	6536	-	-	-	-	-	-	-	-	380	3430	-	0	107	-	10696
IT	0	-	-	-	66	-	-	-	-	1154	1131	-	-	-	-	-	-	-	-	-	-	-	295	-	-	-	2646
LU	-	-	2084	-	-	-	802	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2886
ME	-	163	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	253	-	-	-	827	1243
MK	-	-	-	0	-	-	-	-	-	-	904	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	905
NL	-	-	5268	-	-	-	300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5568
PL	-	-	-	-	-	9230	48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3599	-	230	13107
PT	-	-	-	-	-	-	-	-	2154	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2154
RO	-	-	-	3057	-	-	-	-	-	-	-	-	250	-	-	-	-	-	-	-	-	2744	-	-	0	0	6051
RS	-	2405	-	0	-	-	-	-	-	-	-	1791	0	-	-	1615	2468	-	-	-	11	-	-	-	-	279	8569
SI	579	-	-	-	-	-	-	-	-	-	-	1868	-	3233	-	-	-	-	-	-	-	-	-	-	-	-	5680
SK	-	-	-	-	-	53	-	-	-	-	-	-	9058	-	-	-	-	-	0	-	-	-	-	-	2745	-	11856
UA_W	-	-	-	-	-	-	-	-	-	-	-	-	3915	-	-	-	-	-	-	-	2848	-	-	58	-	-	6821
Other[1]	-	-	-	0	-	-	3744	5591	21	2395	89	-	-	-	-	2	-	-	2841	-	314	48	-	-	-	-	15045
Sum imp	23979	3743	15698	3057	33756	10209	44270	6271	8796	10360	6421	11897	14680	48799	6845	3893	3388	23150	7752	9483	3965	8844	6106	13882	2852	19004	350800

Sum of physical energy flows between UCTE countries = 304117 GWh **Total physical energy flows = 350800 GWh**

Other[1]: Albania, Belarus, Denmark East, Great Britain, Morocco, Republic of Moldavia, Norway, Sweden, Republic of Turkey and Ukraina
These physical energy flows were measured on the cross-frontier transmission lines (≤ 110 kV) listed in table T9 of this Yearbook.

T5a Development of physical exchanges on tie lines





Year		Sum of electricity exchanges within the UCTE	Part of exchanges in the consumption of the UCTE	Sum of electricity exchanges with CENTREL	Part of exchanges with CENTREL in the consumption of the UCTE	Volume of exchanges with third countries	Part of exchanges with third countries in the consumption of the UCTE	Total exchanges	Part of total exchanges in the consumption of the UCTE
		TWh	%	TWh	%	TWh	%	TWh	%
1975		48,4	5,7			3,2	0,4	51,6	6,0
1976		48,6	5,3			2,9	0,3	51,5	5,6
1977		56,4	5,9			2,6	0,3	59,0	6,1
1978		62,9	6,2			3,3	0,3	66,2	6,5
1979		66,4	6,2			4,3	0,4	70,8	6,6
1980		70,5	6,4			5,9	0,5	76,4	6,9
1981		72,2	6,5			6,0	0,5	78,3	7,0
1982		67,9	6,0			6,2	0,6	74,2	6,6
1983		77,5	6,7			8,3	0,7	85,7	7,4
1984		87,0	7,2			7,1	0,6	94,1	7,8
1985		90,5	7,2			7,4	0,6	97,9	7,8
1986		85,0	6,6			14,7	1,1	99,7	7,7
1987		90,7	6,8			18,9	1,4	109,5	8,2
1988		102,6	7,5			20,9	1,5	123,5	9,0
1989		103,8	7,5			21,9	1,4	125,7	8,9
1990		115,8	8,0			23,9	1,7	139,7	9,7
1991		117,7	7,8			26,9	1,9	144,6	9,7
1992		117,6	7,8			27,8	1,9	145,4	9,7
1993		124,4	8,3			26,2	1,7	150,6	10,0
1994		129,5	8,1			26,2	1,6	155,7	10,1
1995	[1]	137,4	8,4	11,9	0,7	23,1	1,5	172,3	10,8
1996		145,0	8,7	14,1	0,8	26,8	1,6	185,9	11,1
1997		144,7	8,5	13,9	0,8	27,1	1,7	185,7	11,0
1998		148,9	8,4	14,0	0,8	25,4	1,5	204,5	10,7
1999		161,6	8,0	16,5	0,8	29,7	1,7	225,4	11,5
2000		177,5	8,5	22,1	1,1	29,6	1,6	229,2	12,4
2001	[2]	235,5	10,5			33,7	1,8	269,2	12,4
2002		250,9	11,1			36,9	1,6	287,8	12,7
2003	[3]	263,8	10,8			35,5	1,5	299,3	12,3
2004		255,2	10,3			44,1	1,8	299,3	12,1
2005		298,9	12,0			48,8	2,0	347,7	13,9
2006		296,8	11,7			46,0	1,8	342,8	13,5
2007	[4]	304,1	11,9			46,7	1,8	350,8	13,7

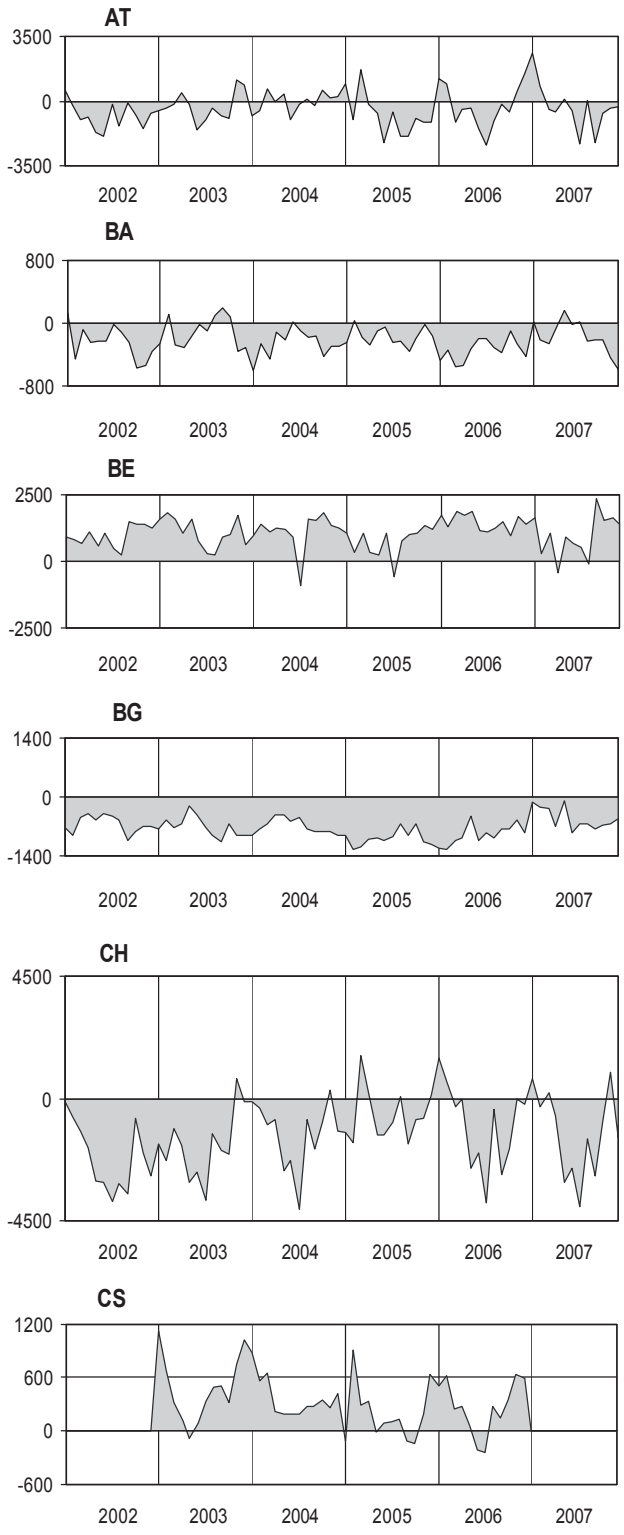
[1] As of September 1995 total German values
[2] From year 2001 on sum of exchanges including CZ, HU, PL SK
[3] From year 2003 on sum of exchanges including RO and BG
[4] From June 2007 on sum of exchanges including DK_W

Control area	2007		January 2007				July 2007			
	Export Programs	Import Programs	Export Programs at 03:00	Import Programs at 03:00	Export Programs at 11:00	Import Programs at 11:00	Export Programs at 03:00	Import Programs at 03:00	Export Programs at 11:00	Import Programs at 11:00
AT	7938230	11247168	1281	842	1578	1357	1324	826	1874	976
BA	3990178	3382997	141	205	166	210	80	185	167	185
BE	5685951	11874247	0	651	1257	2800	311	612	458	854
BG	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
CH	31955432	31170045	2356	4617	3890	4587	3803	1878	6095	2138
CZ	24951252	8309936	2934	435	3398	978	3189	551	2886	1164
DE	42552055	22817929	4799	2611	5664	2709	2922	2625	2721	4729
DK_W	6288571	7511379	244	0	985	1080	975	1033	1339	1200
ES	15289721	9631457	1955	1400	1351	2499	503	2000	1137	565
FR	82978526	27556107	11840	2306	12239	1878	9711	2293	8060	3469
GR	418115	4771852	45	425	40	60	25	1020	25	849
HR	2350506	8681343	122	629	104	657	354	948	354	1046
HU	10288508	14272932	1730	1832	1503	2003	885	1630	1001	1771
IT	2647482	48798715	328	5466	153	7211	684	5324	497	6259
ME	2466729	4518586	187	563	139	545	95	532	112	587
MK	267031	2837610	40	185	0	193	0	213	29	344
NL	4197433	21764263	1547	1890	71	3058	225	1989	277	2263
PL	7223915	3333031	572	112	1400	805	425	743	600	681
PT	1592042	9084834	0	1600	1299	704	0	800	65	0
FR	4175435	1968126	465	218	560	143	309	166	349	119
RS	6206570	6011887	750	1013	685	1033	634	432	614	557
SI	5725715	6148637	684	660	780	797	609	730	775	695
SK	8816954	9691036	1283	1113	1288	1537	1048	1232	1095	1574
UA_W	4060374	145829	395	0	494	0	589	69	614	68

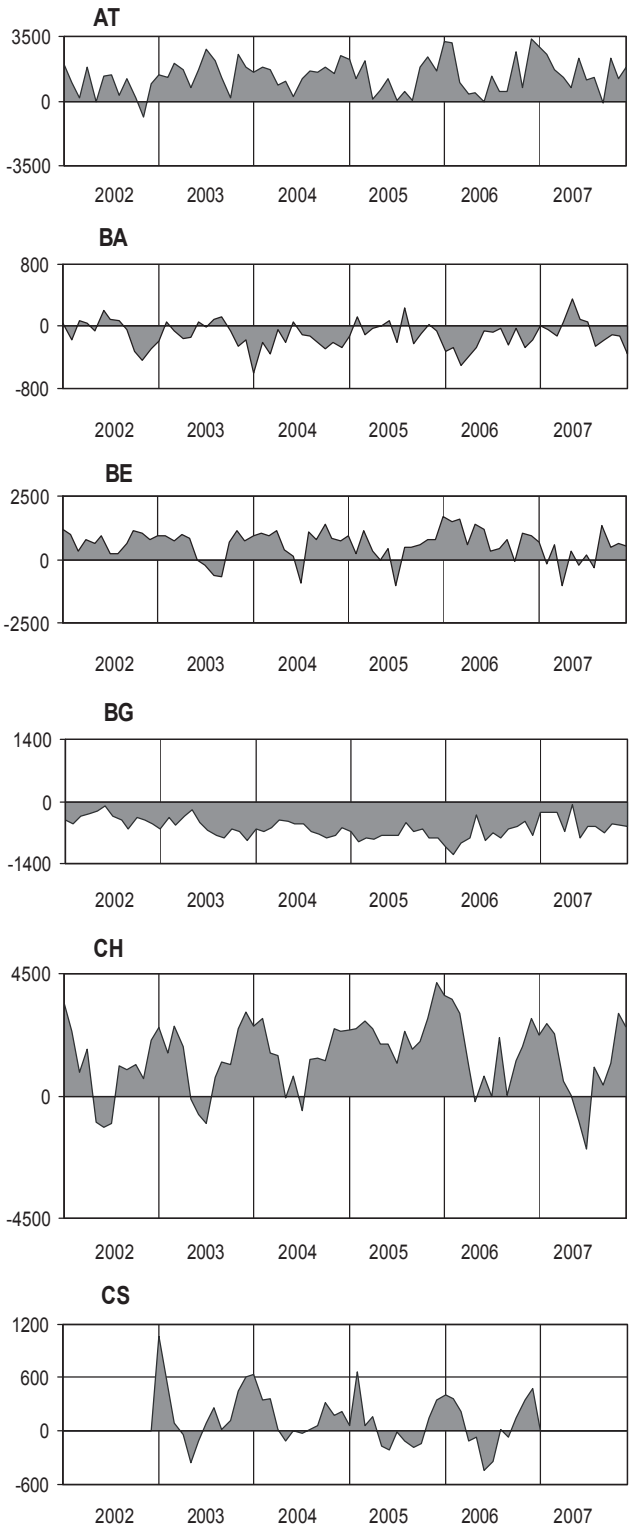
- Control areas can differ from national borders (i.e. German block which includes parts of AT, LU and DK_W).
- Values are calculated on an hourly base in MWh.
- This values are not the provisional values entered in the VULCANUS system, but the definitive values after an eventual correction during the actuel date.
- Export Programs: Sum of all positive values of every hour of every border as sum year 2007
- Import Programs: Sum of all negative values of every hour of every border as sum year 2007
- Export Programs at 03:00: Sum of all positive values the third Wednesday in January and July 2007 from 02:00 to 03:00 a.m.
- Import Programs at 03:00: Sum of all negative values the third Wednesday in January and July 2007 from 02:00 to 03:00 a.m.
- Export Programs at 11:00: Sum of all positive values the third Wednesday in January and July 2007 from 10:00 to 11:00 a.m.
- Import Programs at 11:00: Sum of all negative values the third Wednesday in January and July 2007 from 10:00 to 11:00 a.m.

G3 Balance of the simultaneous power flows across the frontiers of the UCTE countries

11:00 Day load in MW [1]



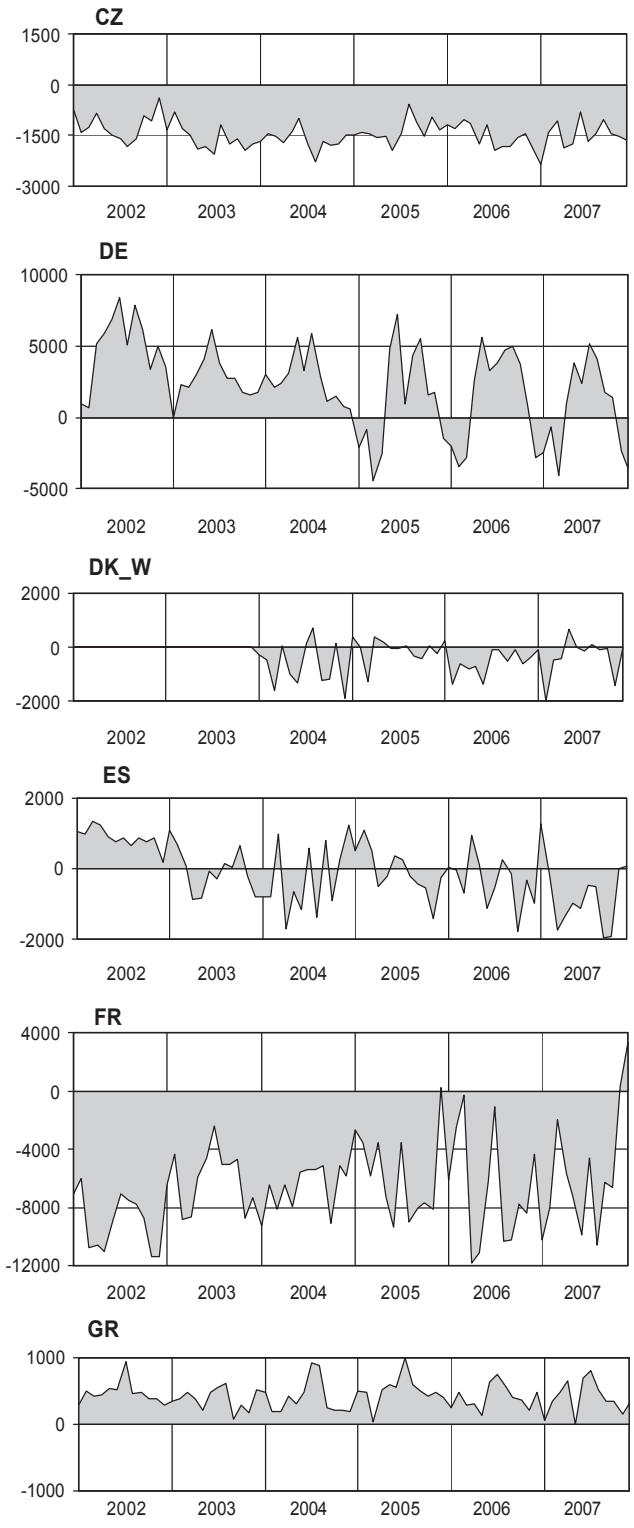
03:00 Night load in MW [1]



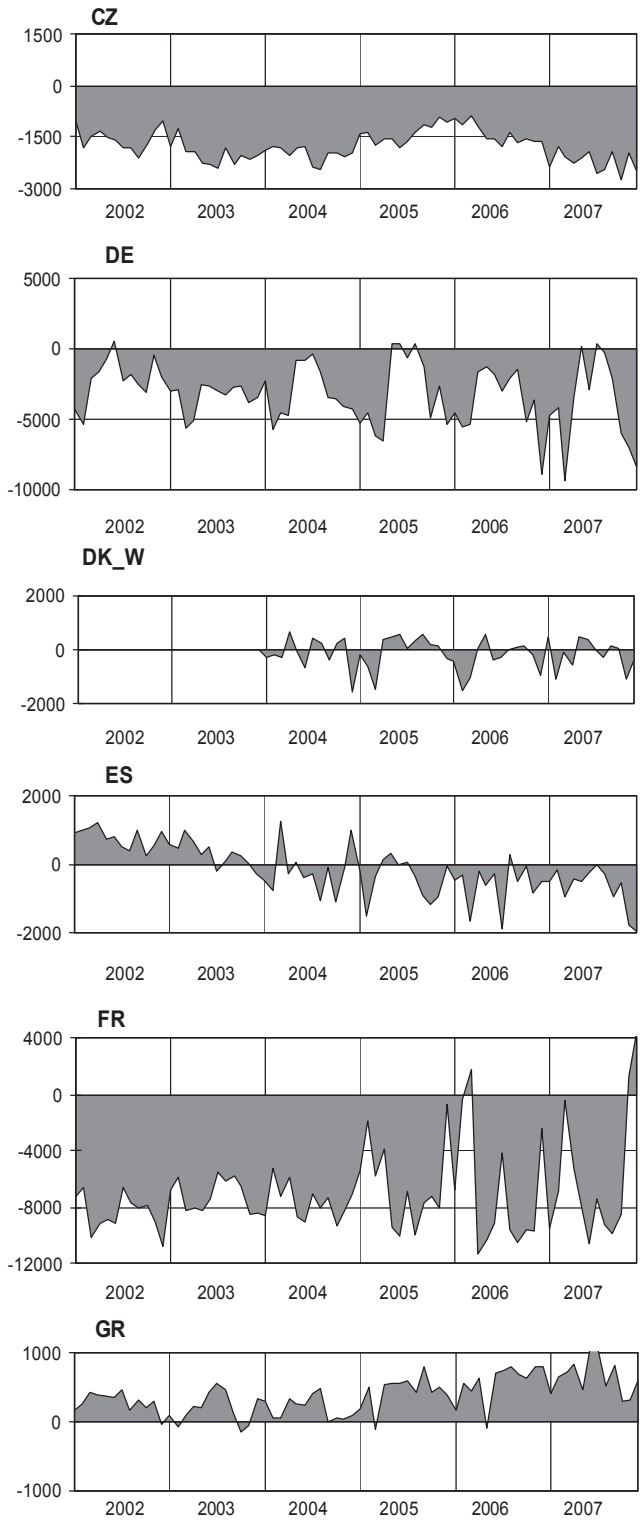
[1] Balance of import-export on the 3rd Wednesday of each month

G3 Balance of the simultaneous power flows across the frontiers of the UCTE countries

11:00 Day load in MW [1]



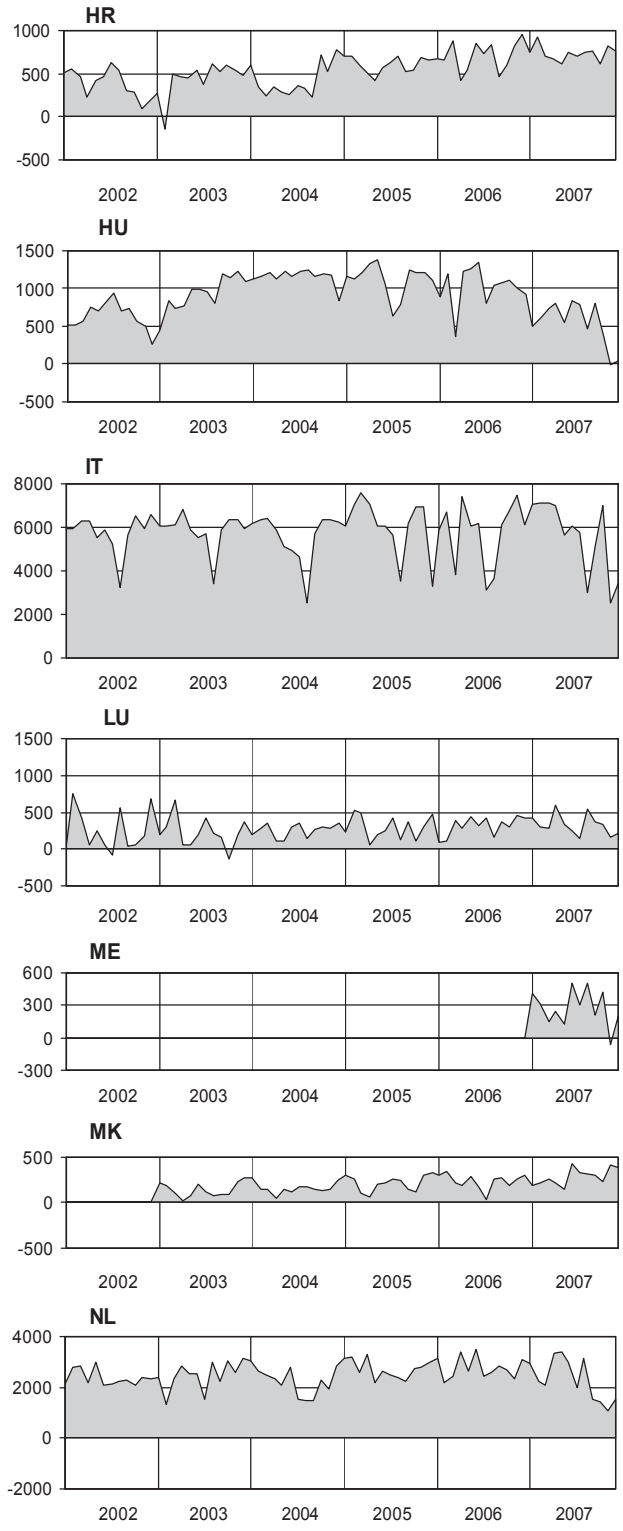
03:00 Night load in MW [1]



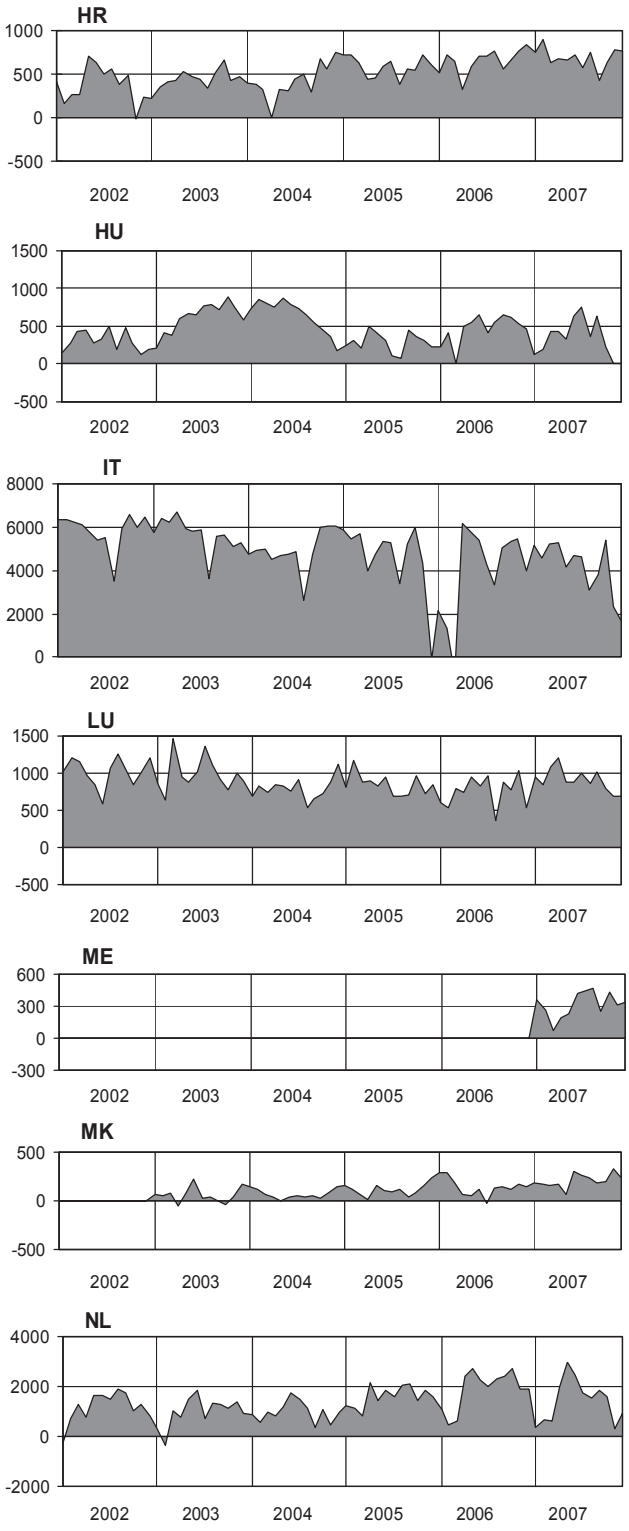
[1] Balance of import-export on the 3rd Wednesday of each month

G3 Balance of the simultaneous power flows across the frontiers of the UCTE countries

11:00 Day load in MW [1]



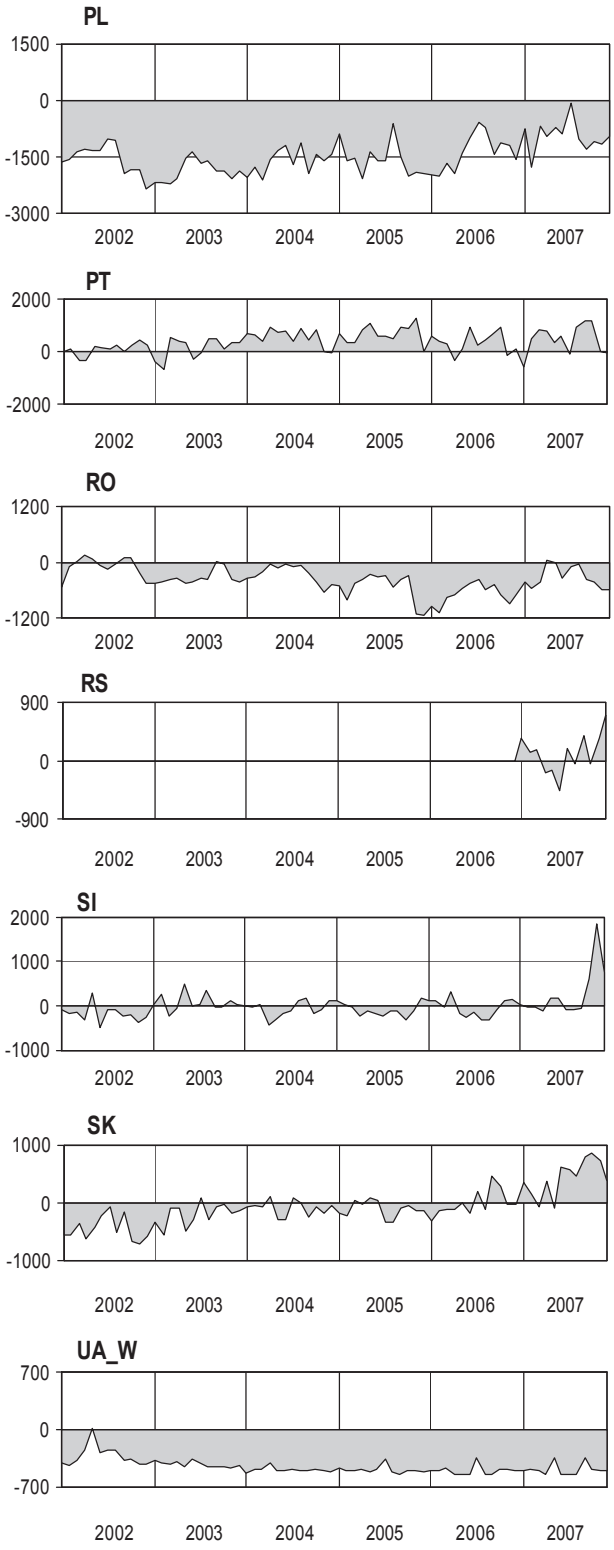
03:00 Night load in MW [1]



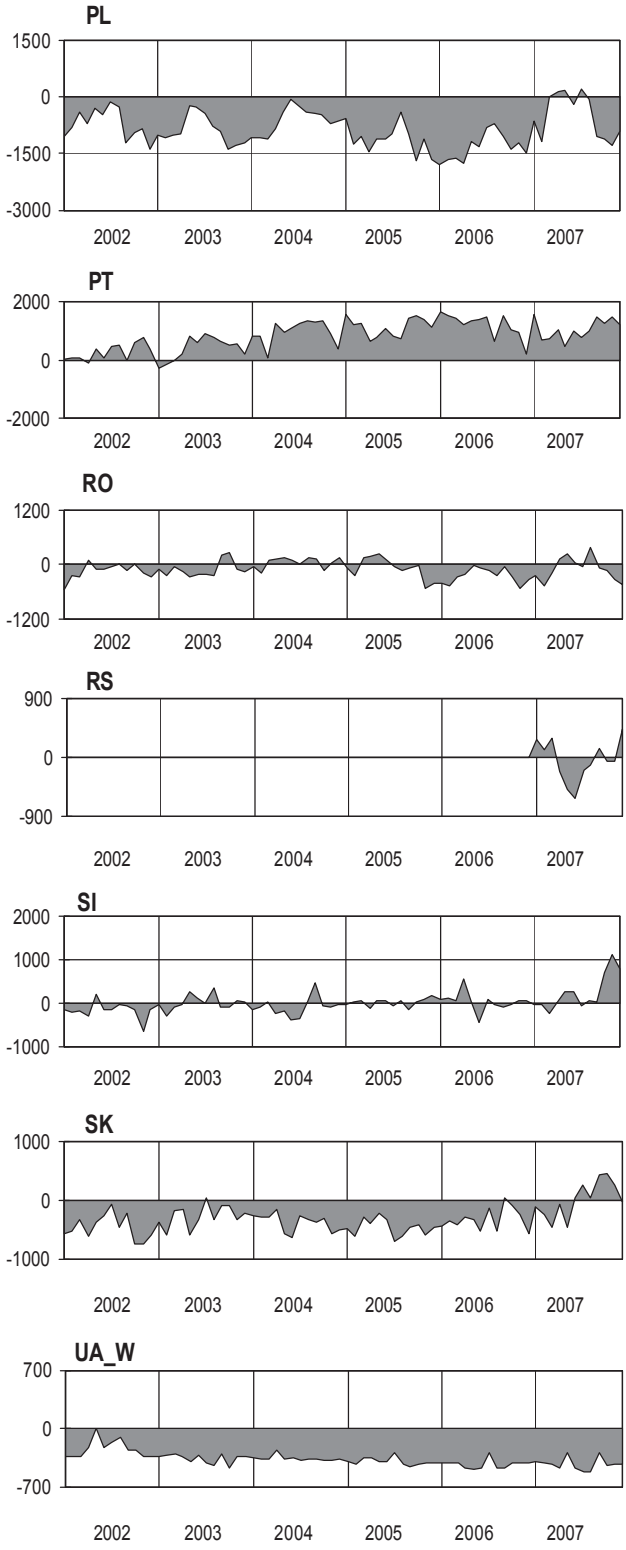
[1] Balance of import-export on the 3rd Wednesday of each month

G3 Balance of the simultaneous power flows across the frontiers of the UCTE countries

11:00 Day load in MW [1]



03:00 Night load in MW [1]



[1] Balance of import-export on the 3rd Wednesday of each month

Development of the simultaneous power flows across the frontiers of the UCTE countries [1]

Values in MW

Date	Night	Day	Date	Night	Day
I.2002	32599	29658	I.2005	37275	33964
II.2002	32064	29798	II.2005	37569	37991
III.2002	27400	30810	III.2005	34802	39231
IV.2002	28886	29676	IV.2005	32930	37448
V.2002	26206	30858	V.2005	29743	31564
VI.2002[2]	24956	30339	VI.2005	33353	36145
VII.2002	27487	31903	VII.2005	30301	34641
VIII.2002	24449	28729	VIII.2005	29701	30909
IX.2002	29478	28641	IX.2005	30425	32967
X.2002	27592	29120	X.2005	33755	35394
XI.2002	26918	31182	XI.2005	33728	36159
XII.2002	30551	31115	XII.2005	32850	33209
I.2003[3]	32119	31521	I.2006	33189	39380
II.2003	28830	28596	II.2006	35935	39220
III.2003	32173	31062	III.2006	34048	35330
IV.2003	31075	32458	IV.2006	33833	37349
V.2003	28734	30022	V.2006	30974	33176
VI.2003	29938	32246	VI.2006	31574	34413
VII.2003	28929	28988	VII.2006	27811	30712
VIII.2003	26184	27360	VIII.2006	29425	31511
IX.2003	29103	29350	IX.2006	30387	32741
X.2003	27866	30843	X.2006	35170	35269
XI.2003	31576	35241	XI.2006	34951	38371
XII.2003	31604	33542	XII.2006	36861	37100
I.2004	29256	34182	I.2007	38182	43194
II.2004	29916	32890	II.2007	34926	38297
III.2004	28158	31485	III.2007	37999	38560
IV.2004	26784	29284	IV.2007	30894	34428
V.2004	25067	29647	V.2007	28930	30699
VI.2004	24757	26479	VI.2007	33100	34083
VII.2004	26091	29950	VII.2007	32701	34488
VIII.2004	23333	26840	VIII.2007	29640	32111
IX.2004	28708	30714	IX.2007	31496	32702
X.2004	30693	33706	X.2007	37051	38615
XI.2004	32489	33415	XI.2007	37014	35286
XII.2004	36858	32395	XII.2007	38428	33916

[1] Day load at 11.00 a.m. and night load at 3.00 a.m. on the 3rd Wednesday of each month. The power flows crossing common borders with neighbouring third countries are excluded.
[2] As of June 2001 on the power flows include CZ, HU, PL and SK.
[3] From year 2003 on the power flows include RO and BG.
[4] From June 2007 on the power flows include DK_W.

T7 Maximum output capacity on 31 December 2007, 2006 and 2002 in MW

	Thermal nuclear MW			Thermal conventional MW			Hydropower MW			Other sources [1] MW			Total MW			Representativity [2] %		
Country	2007	2006	2002	2007	2006	2002	2007	2006	2002	2007	2006	2002	2007	2006	2002	2007	2006	2002
AT[3]	-	-	-	6254	6254	5900	11811	11811	11700	849	849	260	18914	18914	17860	100	100	100
BA	-	-	-	1957	1957	1957	2064	2064	2034	-	-	-	4021	4021	3991	100	100	99
BE	5825	5825	5761	8226	8175	8226	1411	1411	1403	861	771	223	16323	16182	15623	100	100	99
BG	2000	2880	n.a.	5800	5390	n.a.	2700	2704	n.a.	9	8	n.a.	10509	10102	n.a.	100	100	n.a.
CH	3220	3220	3220	355	340	305	13465	13355	13295	530	525	515	17570	17440	17335	100	100	100
CS		-	-		6400	6400		3497	3497		-	-		9897	9897		100	96
CZ	3537	3537	2587	10542	10585	10503	2175	2175	2123	163	77	6	16417	16374	15219	100	100	100
DE	20300	20300	20700	70500	70400	65000	9100	9100	7800	28400	24500	10900	128300	124300	104400	90	90	90
DK_W	-	-	n.a.	5173	5156	n.a.	10	10	n.a.	2499	2391	n.a.	7682	7556	n.a.	100	100	n.a.
ES	7465	7465	7574	43624	39032	26780	20333	20714	17915	14253	12443	4924	85675	79654	57193	100	100	100
FR	63260	63260	63273	24085	24837	26783	25404	25457	25475	3130	2403	634	115879	115957	116165	100	100	100
GR[4]	-	-	-	8049	8097	6773	3136	3133	3059	784	587	174	11969	11817	10006	100	100	88
HR[3]	-	-	-	1691	1691	1670	2079	2079	2063	10	10	-	3780	3780	3733	100	100	100
HU	1799	1755	1772	5360	5263	5644	46	46	48	1208	1117	553	8413	8171	8017	100	100	100
IT	-	-	-	69022	66200	54614	21117	21070	20514	3459	2536	1448	93598	89806	76576	100	100	100
LU	-	-	-	490	487	466	1128	1128	1128	69	69	20	1687	1684	1614	100	100	99
ME	-			190			649			9			848			100		
MK	-	-	-	907	907	1010	503	503	-	-	-	434.	1410	1410	1444	100	100	100
NL	485	485	449	18911	19294	17954	37	37	37	2588	2331	1901	22021	22147	20341	100	100	100
PL	-	-	-	29818	29810	31686	2327	2327	2324	318	168	59	32463	32302	33901	100	100	100
PT	-	-	-	6703	6676	5422	4951	4948	4433	2435	1993	299	14089	13617	10154	97	97	91
RO	1300	655	665	8995	9029	10688	5859	5817	5817	7	-	-	16161	15501	17280	100	100	100
RS	-			5524			2831			-			8355			100		
SI	696	696	685	1260	1260	1074	873	873	774	-	-	-	2829	2829	2533	100	100	100
SK	2200	2640	2640	2767	2270	2296	2478	2429	2430	63	701	696	7508	8040	8062	100	100	100
UCTE	**112087**	**111838**	**108661**	**336203**	**324344**	**279453**	**136487**	**137324**	**121894**	**61644**	**51097**	**22612**	**646421**	**623945**	**532620**			
UA_W	-	-	-	2347	1501	1705	27	27	27	-	-	10	2374	1528	1742	100	100	68

[1] Values of other sources are the sum of other renewable and not clearly idendifiable sources.
[2] Percentage as referred to the total values of a country
(The total values of a country are defined as the synchronously interconnected system plus the areas directly connected via AC or DC to the mainland system.)
[3] Year 2007 maximum output capacity as of 31 December 2006
[4] The values for Greece refer to the interconnected system and not to the whole country.

T8a

UCTE System Adequacy Retrospect 2007, Power Data

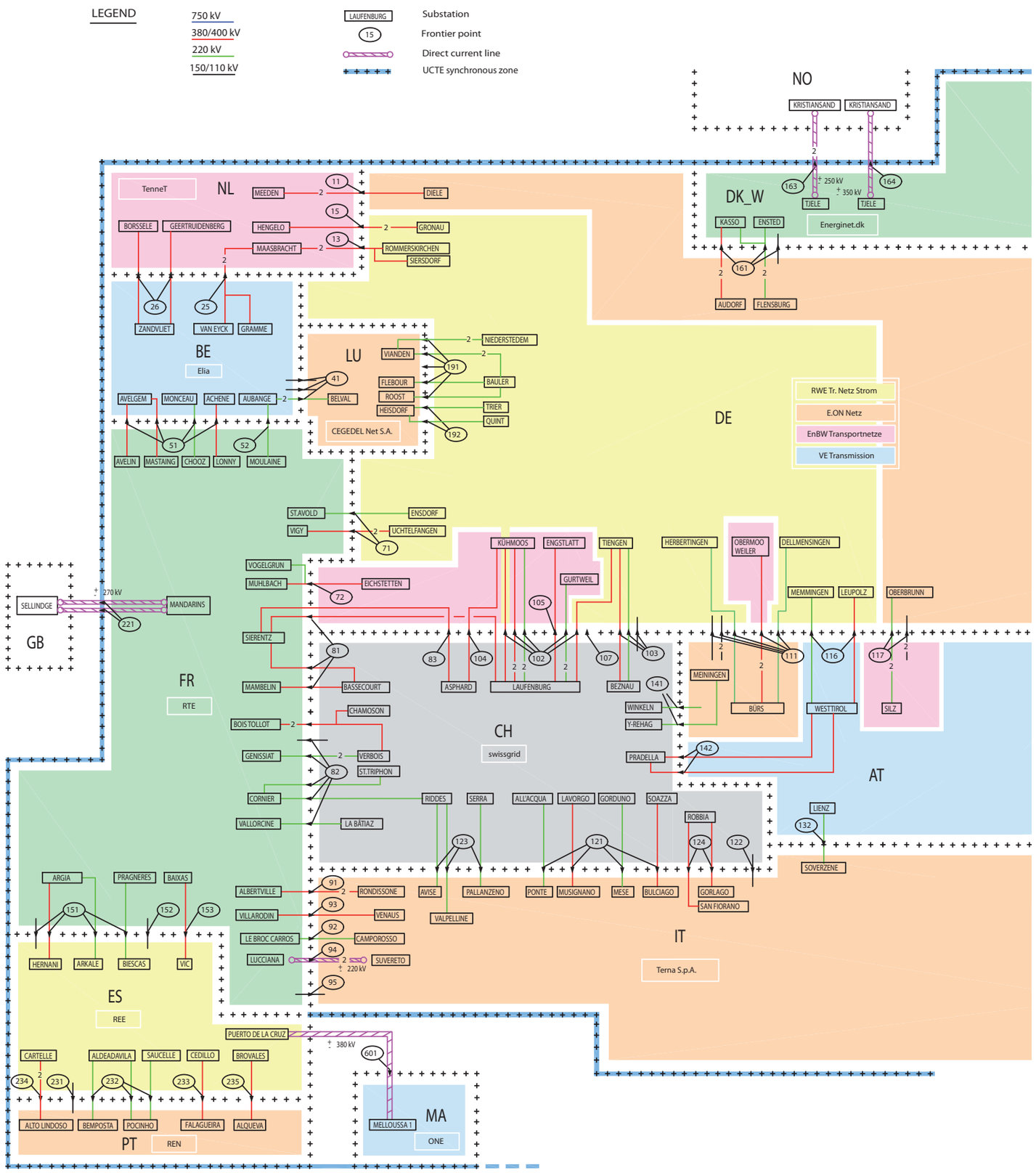
Net values at the refence time 11:00 a.m. on the 3rd Wednesday of each month (Data published on 26 June 2008) Values in GW

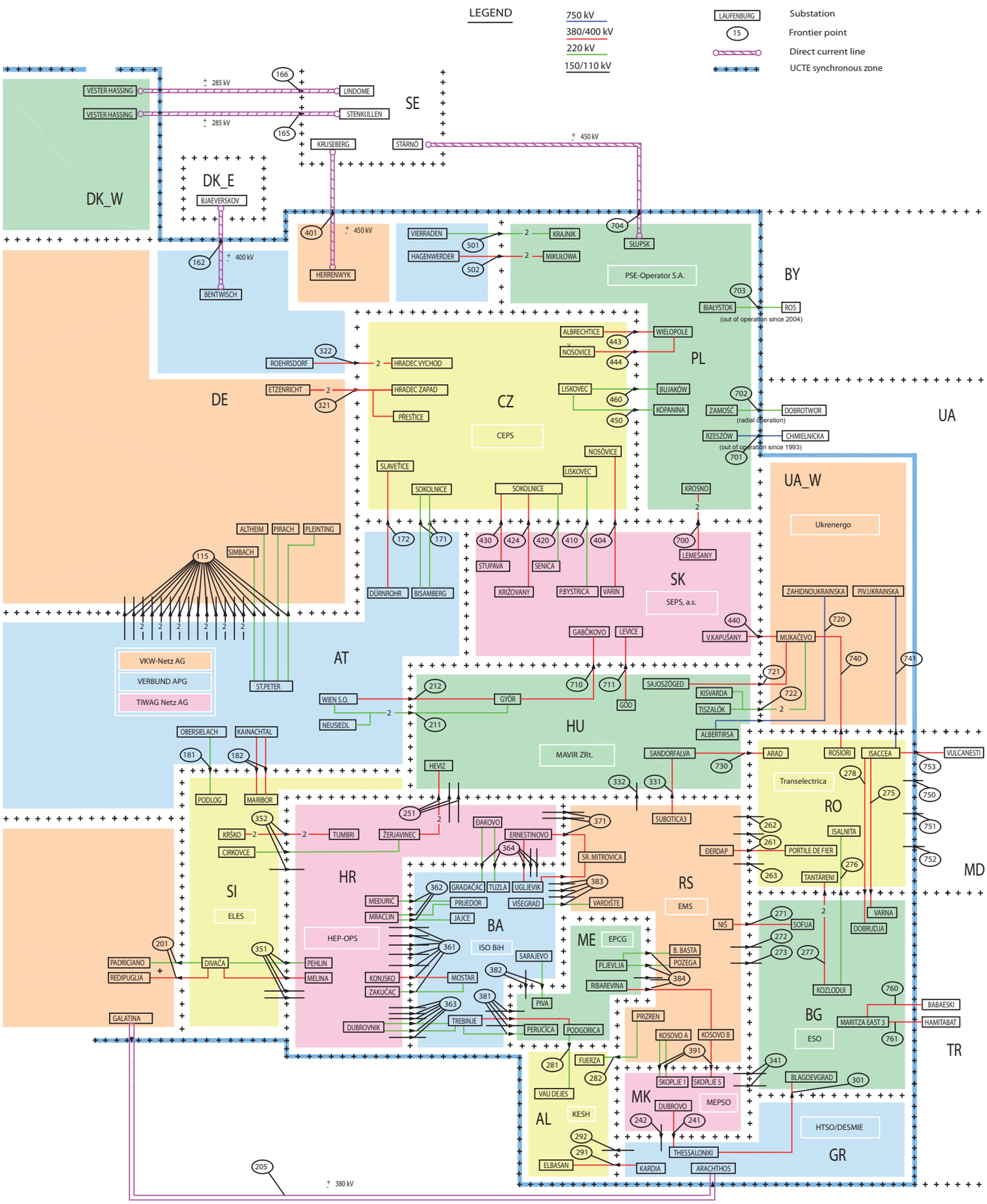
Net Generating Capacity per primary source	31Dec 2006	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	31Dec 2007
1. Nuclear power capacity	112,6	111,4	111,4	111,4	111,4	111,4	111,4	111,4	112,1	112,1	112,1	112,1	112,1	112,1
2. Fossil fuel power capacity	324,7	324,3	324,4	325,2	326,6	328,2	328,6	330,1	330,7	331,7	332,0	333,0	333,8	333,8
of which														
- Lignite sources	61,5	61,6	61,5	61,5	61,5	61,6	61,6	61,6	61,6	61,6	61,6	61,6	61,5	61,5
- Hard coal sources	77,7	77,1	77,1	77,1	77,1	77,1	77,1	77,1	77,1	77,1	77,1	77,1	77,1	77,1
- Gas sources	84,3	84,1	84,1	84,9	85,9	87,3	87,8	89,2	89,7	90,6	91,8	91,8	92,7	92,8
- Oil sources	35,4	35,3	35,3	35,3	35,5	35,6	35,6	35,6	34,7	35,7	35,6	35,8	35,8	35,8
- Mixed fuels	32,2	32,2	32,4	32,4	32,5	32,5	32,5	32,5	32,5	32,5	32,5	32,5	32,5	32,5
- Non attributable fossil fuels	33,6	33,9	33,9	34,0	34,1	34,1	34,1	34,1	34,1	34,1	34,2	34,2	34,3	34,3
3. Renewable energy sources (other than hydro)	50,0	51,7	52,4	53,1	53,4	53,9	54,5	55,0	55,4	55,8	56,2	57,0	57,2	57,8
- of which wind	39,7	40,4	40,9	41,4	41,7	42,2	42,7	43,0	43,6	43,7	44,0	44,6	44,7	45,2
- of which other RES	10,3	11,3	11,5	11,6	11,7	11,7	11,8	12,0	12,1	12,2	12,2	12,4	12,5	12,6
4. Hydropower (total)	135,5	135,4	135,3	135,3	135,3	135,4	135,4	135,4	135,4	135,4	135,4	135,4	135,4	135,4
of which														
- Storage hydro	62,6	62,7	62,7	62,7	62,7	62,7	62,7	62,7	62,7	62,7	62,7	62,7	62,8	62,8
- Run-of-River hydro	35,0	34,8	34,8	34,8	34,8	34,8	34,8	34,8	34,8	34,8	34,8	34,8	34,8	34,7
- Pure Pumped storage water	14,1	14,1	14,1	14,1	14,1	14,1	14,1	14,1	14,1	14,1	14,1	14,1	14,1	14,1
- Mixed Pumped storage water	14,9	14,9	14,9	14,9	14,9	14,9	14,9	14,9	14,9	14,9	14,9	14,9	14,9	14,9
5. Not clearly identifiable energy sources	1,9	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2
6.Net generating capacity (6 = 1+2+3+4+5)	**624,7**	**624,0**	**624,7**	**626,2**	**627,9**	**630,0**	**631,2**	**633,1**	**634,8**	**636,2**	**637,7**	**638,7**	**639,8**	**640,4**
7. Non-usable capacity		103,5	108,4	104,5	120,7	114,1	124,5	128,6	131,6	129,6	130,0	121,9	107,0	
8. Maintenance and Overhauls		18,7	22,2	30,1	47,4	56,8	58,2	52,2	55,7	52,8	45,0	39,0	20,0	
9. Outages		16,9	15,2	16,3	18,4	14,3	16,6	12,8	14,4	17,6	17,5	18,4	13,5	
10.System services reserve		29,5	29,3	28,6	29,1	29,6	27,4	27,5	27,3	28,3	28,4	29,2	29,2	
11.Unavailable capacity (11 = 7+8+9+10)		**168,5**	**175,1**	**179,4**	**215,6**	**214,9**	**226,7**	**221,1**	**228,9**	**228,3**	**220,8**	**208,5**	**169,8**	
12.Reliably available capacity (12 = 6-11)		**455,5**	**449,6**	**446,8**	**412,4**	**415,1**	**404,4**	**412,0**	**405,8**	**407,8**	**416,9**	**430,2**	**470,0**	
13.Load		359,6	349,4	351,4	317,8	318,2	329,5	332,6	269,0	321,4	329,6	358,8	384,0	
14.Remaining capacity (14 = 12-13)		**95,9**	**100,2**	**95,4**	**94,6**	**96,9**	**75,0**	**79,,4**	**136,8**	**86,4**	**87,3**	**71,4**	**86,0**	
15.Margin against monthly peak load		40,7	32,9	19,4	31,7	18,3	15,3	15,2	68,2	24,8	35,1	37,4	31,7	
16.Remaining margin (17=14-15)		**55,2**	**67,2**	**76,1**	**62,9**	**78,6**	**59,7**	**64,2**	**68,7**	**61,6**	**52,2**	**34,1**	**54,3**	
17.Physical imports		45,4	40,3	40,6	38,2	33,5	34,0	35,9	32,8	34,9	39,4	36,4	34,4	
18.Physical exports		44,1	40,1	38,4	35,8	31,7	35,8	33,5	34,7	34,7	37,9	32,3	31,4	
19.Exchanges (19=17-18)		**1,3**	**0,3**	**2,2**	**2,4**	**1,8**	**- 1,8**	**2,4**	**- 1,9**	**0,2**	**1,4**	**4,1**	**3,0**	

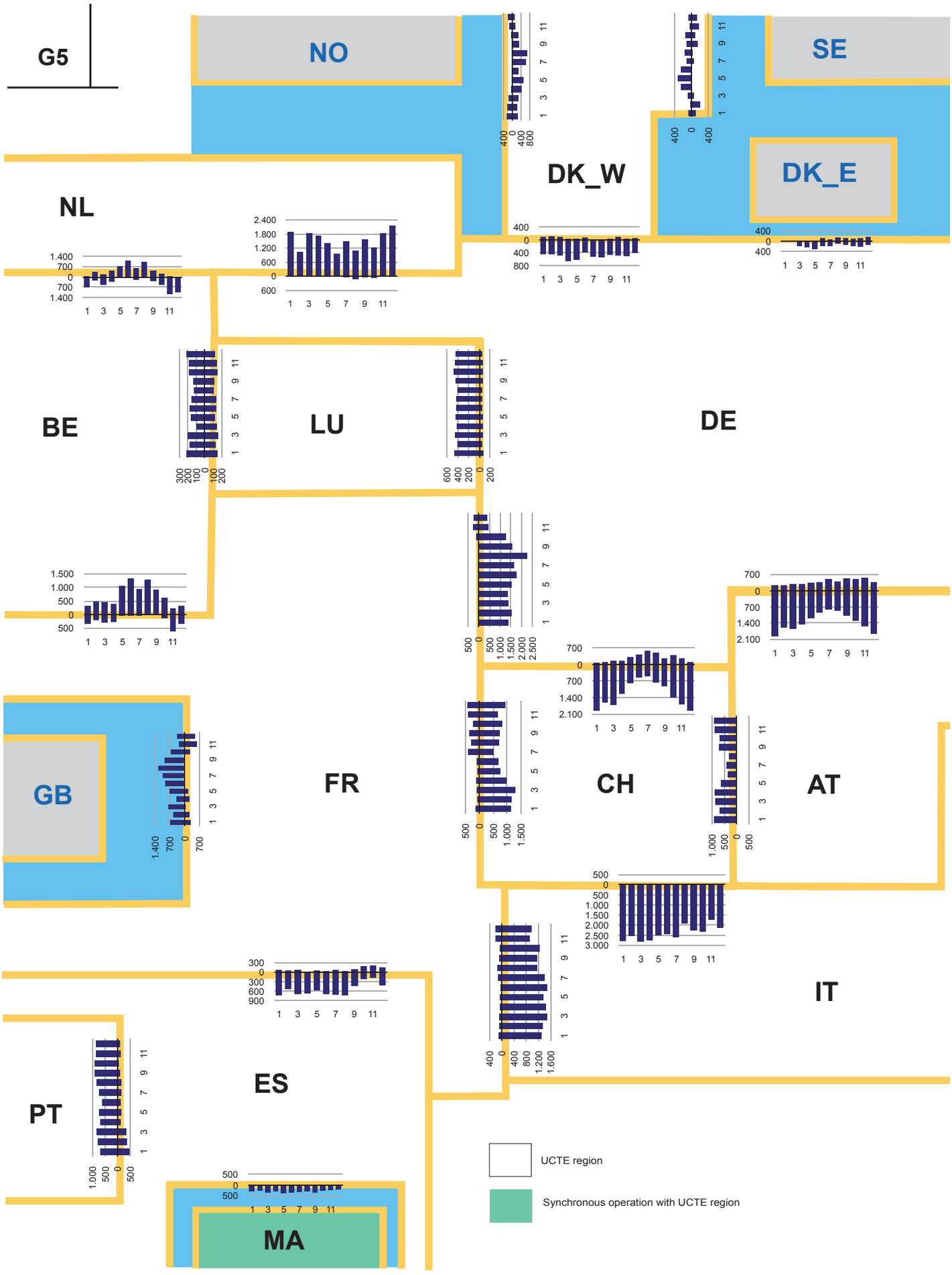
T8b | **UCTE System Adequacy Retrospect 2007, Energy Data (Data published on 26 June 2008)** | **Values in TWh**

	AT	BA	BE	BG	CH	CZ	DE	ES	FR	GR	HR	HU	IT	LU	ME	MK	NL	PL	PT	RO	RS	SI	SK	UCTE	UA_W
Net generation per primary sources																									
1. Nuclear power	-	-	45,8	13,6	26,3	24,6	133,2	52,7	418,6	-	-	13,8	-	-	-	-	4,0	-	-	7,0	-	5,4	14,2	**75934**	**-**
2. Fossil fuel power	21,1	7,8	33,7	22,0	2,1	54,0	372,2	157,5	55,0	47,6	6,8	21,8	253,6	2,9	0,8	5,0	87,8	145,1	26,8	33,7	29,0	4,8	7,1	**1406,4**	8,1
of which																									
- Lignite	-	7,8	-	13,0	-	41,6	143,2	20,6	-	31,1	-	4,9	-	-	0,8	4,6	-	47,5	-	18,0	28,5	4,3	1,7	**367,7**	-
- Hard coal	6,3	-	1,0	6,9	-	7,4	133,2	47,3	23,2	-	2,2	1,6	43,4	-	-	-	-	93,8	11,7	4,4	-	0,4	1,7	**384,5**	-
- Gas	9,4	-	22,3	-	-	3,8	71,9	84,8	14,5	13,2	1,8	13,9	142,6	2,9	-	-	-	3,8	10,5	10,3	0,5	0,1	1,4	**407,6**	-
- Oil	1,3	-	0,1	-	-	0,2	7,3	4,5	7,1	3,3	1,2	0,5	24,9	-	-	0,4	-	-	1,1	0,8	-	-	-	**52,6**	-
- Mixed fuels	-	-	9,0	2,1	-	-	-	-	-	-	1,6	-	23,9	-	-	-	-	-	0,2	-	-	-	-	**36,8**	-
- Non attributable fossil fuels	4,2	-	1,4	-	2,1	1,0	16,6	0,3	10,2	-	-	0,9	18,8	-	-	-	87,8	-	3,4	0,2	-	-	2,3	**157,3**	8,1
3. Renewable energy sources	4,2	-	3,6	-	0,1	0,3	64,7	31,0	7,9	1,5	0,07	1,5	9,4	0,2	-	-	6,9	0,6	6,1	0,0	-	-	0,3	**139,4**	-
(other than hydro) of which																									
- Wind	2,0	-	0,5	-	-	0,1	39,5	26,6	4,0	1,3	0,04	0,1	4,2	0,1	-	-	3,4	0,5	4,0	0,0	-	-	0,0	**86,4**	-
-Other RES	2,2	-	3,1	-	1,1	0,2	25,2	4,4	3,9	0,2	0,03	1,4	5,2	0,1	-	-	3,5	0,1	2,1	-	-	-	0,3	**53,0**	-
4. Hydropower	34,9	4,0	1,7	3,1	36,4	2,5	27,2	29,9	63,2	3,4	4,4	0,2	38,5	0,9	1,3	1,1	0,1	2,7	10,2	15,6	10,1	2,8	4,5	**298,7**	0,1
of which																									
- Storage hydro	11,6	-	-	-	16,6	-	-	16,6	23,3	3,4	2,9	-	10,6	0,05	1,3	1,1	-	-	3,0	4,9	0,8	-	4,3	**100,4**	-
- Run-of-River	23,3	-	0,4	-	19,8	-	-	7,2	33,3	-	1,4	0,2	27,9	0,05	-	-	-	-	5,9	10,1	8,7	2,8	-	**141,2**	0,1
- Pure pump.-storage water	-	-	1,3	-	-	-	-	2,4	2,8	-	-	-	-	0,8	-	-	-	-	-	-	0,6	-	-	**7,8**	-
- Mixed pump.-storage water	-	-	-	-	-	-	-	3,8	3,8	-	0,2	-	-	-	-	-	-	-	1,4	0,6	-	-	0,2	**9,9**	-
5. Not clearly identified																									
energy sources	3,5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**3,5**	-
6. Net generated energy	**63,7**	**11,8**	**84,8**	**38,7**	**65,9**	**81,4**	**597,3**	**271,1**	**544,7**	**52,5**	**11,3**	**37,3**	**301,5**	**3,9**	**2,1**	**6,1**	**98,8**	**148,4**	**43,1**	**56,4**	**39,0**	**13,1**	**26,1**	**2607,3**	**8,2**
7. Physical imports	22,1	3,5	15,8	3,0	48,6	10,2	44,3	8,8	10,5	6,4	7,9	14,7	48,6	6,8	4,8	3,4	23,2	7,8	9,6	4,0	8,9	6,1	13,6	**335,3**	2,8
8. Physical exports	15,5	4,1	9,0	7,5	50,6	26,4	63,3	14,5	67,2	2,1	1,5	10,7	2,6	2,9	2,2	0,9	5,6	13,1	2,1	6,1	8.6	5,7	11,9	**340,9**	6,8
9. Exchanges (9=7-8)	**6,6**	**-0,6**	**6,8**	**-6,5**	**-2,1**	**-16,2**	**-19,0**	**-5,7**	**-56,7**	**4,3**	**6,4**	**4,0**	**46,0**	**3,9**	**2,6**	**2,5**	**17,6**	**-5,4**	**7.5**	**-2,1**	**0,3**	**0,4**	**1,7**	**-5,6**	**-4,0**
10.Pumped storage	3,0	-	1,7	0,6	2,1	0,6	9,1	4,4	7,7	1,1	-	-	7,6	1,1	-	-	-	0,9	0,5	0,2	0,9	-	0,2	**41,6**	-
11.Consumption	**67,4**	**11,2**	**89,9**	**33,6**	**61,8**	**64,7**	**569,2**	**261,0**	**480,3**	**55,7**	**17,7**	**41,3**	**339,9**	**6,8**	**4,7**	**8,6**	**116,4**	**142,2**	**50,0**	**54,1**	**38,4**	**13,5**	**27,6**	**2560,1**	**4,3**
(11=6+9-10) of which																									
11a. "Summer" consumption	31,5	5,2	42,2	15,1	28,3	29,3	267,5	126,2	207,5	28,7	8,3	20,0	168,2	3,2	2,2	3,5	55,2	66,3	23,8	25,6	19,5	6,6	12,8	**1199,0**	1,9
11b. "Winter" consumption	35,8	6,0	47,7	18,5	33,5	35,4	301,7	134,8	272,8	27,0	9,4	21,3	171,7	3,6	2,5	5,1	61,2	75,9	26,2	28,5	20,9	6,9	14,8	**1361,5**	2,4
12.Annual average temp.°C	-	-	-	13,9	9,5	10,1	-	16,6	-	-	-	12,5	16,0	10,4	-	-	11,2	9,5	-	-	13,9	12,1	11,3		11,1
13."Summer" average temp. °C	-	-	15,8	21,1	15,1	16,1	15,8	21,0	16,8	-	20,4	19,4	21,2	15,5	23,7	-	-	15,6	23,2	17,2	20,6	18,7	18,4		17,5
14. "Winter" average temp. °C	-	-	7,2	6,8	3,9	4,0	5,3	12,1	8,0	-	7,9	5,6	10,6	5,3	10,9	-	-	3,4	12,4	3,5	7,1	6,0	4,3		4,7

UCTE Cross-fontier lines as of 31 December 2007




LEGEND
750 kV
380/400 kV
220 kV
150/110 kV
LAUFENBURG
Substation
15
Frontier point
Direct current line
UCTE synchronous zone
DK_W
DK_E
SE
DE
AT
CZ
PL
SK
HU
BY
UA
UA_W
MD
RO
BG
TR
HR
SI
BA
RS
ME
MK
AL
GR
CEPS
SEPS, a.s.
MAVIR ZRt.
PSE-Operator S.A.
Ukrenergo
Transelectrica
ELES
HEP-OPS
ISO BiH
EMS
EPCG
ESO
MEPSO
HTSO/DESMIE
VKW-Netz AG
VERBUND APG
TIWAG Netz AG
VESTER HASSING
LINDOME
STENKULLEN
KRUSEBERG
STÄRNO
BJAEVERSKOV
BENTWISCH
HERRENWYK
VIERRADEN
HAGENWERDER
KRAJNIK
MIKUŁOWA
SŁUPSK
BIAŁYSTOK
ROS
(out of operation since 2004)
ALBRECHTICE
NOŠOVICE
WIELOPOLE
BUJAKÓW
KOPANINA
LISKOVEC
ZAMOŚĆ
DOBROTWOR
(radial operation)
RZESZÓW
CHMIELNICKA
(out of operation since 1993)
ROEHRSDORF
HRADEC VYCHOD
ETZENRICHT
HRADEC ZAPAD
PŘESTICE
SLAVETICE
SOKOLNICE
KROSNO
LEMEŠANY
ALTHEIM
PIRACH
PLEINTING
SIMBACH
DÜRNROHR
BISAMBERG
STUPAVA
SENICA
KRIŽOVANY
P.BYSTRICA
VARIN
GABČÍKOVO
LEVICE
V.KAPUŠANY
ZAHIDNOUKRAINSKA
PIV.UKRAINSKA
MUKAČEVO
ST.PETER
WIEN S.O.
NEUSIEDL
GYÖR
GÖD
SAJOSZÖGED
KISVARDA
TISZALÖK
ALBERTIRSA
OBERSIELACH
KAINACHTAL
HEVIZ
SANDORFALVA
ARAD
ROSIORI
ISACCEA
VULCANESTI
PODLOG
MARIBOR
SUBOTICA3
ĐAKOVO
ERNESTINOVO
SR. MITROVICA
ISALNITA
ĐERDAP
PORTILE DE FIER
TANTĂRENI
KRŠKO
TUMBRI
ŽERJAVINEC
CIRKOVCE
GRADAČAC
TUZLA
UGLJEVIK
VIŠEGRAD
VARDIŠTE
MEDURIĆ
MRACLIN
PRIJEDOR
JAJCE
NIŠ
SOFIJA
DOBRUDJA
VARNA
PLJEVLJA
RIBAREVINA
B. BASTA
POZEGA
SARAJEVO
MOSTAR
KONJSKO
ZAKUČAC
PIVA
TREBINJE
DUBROVNIK
PERUĆICA
PODGORICA
PRIZREN
KOSOVO A
KOSOVO B
KOZLODUI
MARITZA EAST 3
BABAESKI
HAMITABAT
PADRICIANO
REDIPUGLIA
DIVAČA
PEHLIN
MELINA
GALATINA
FIERZA
VAU DEJES
KESH
ELBASAN
SKOPLJE 1
SKOPLJE 5
DUBROVO
BLAGOEVGRAD
THESSALONIKI
KARDIA
ARACHTHOS
380 kV
285 kV
400 kV
450 kV


G5
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DK_W
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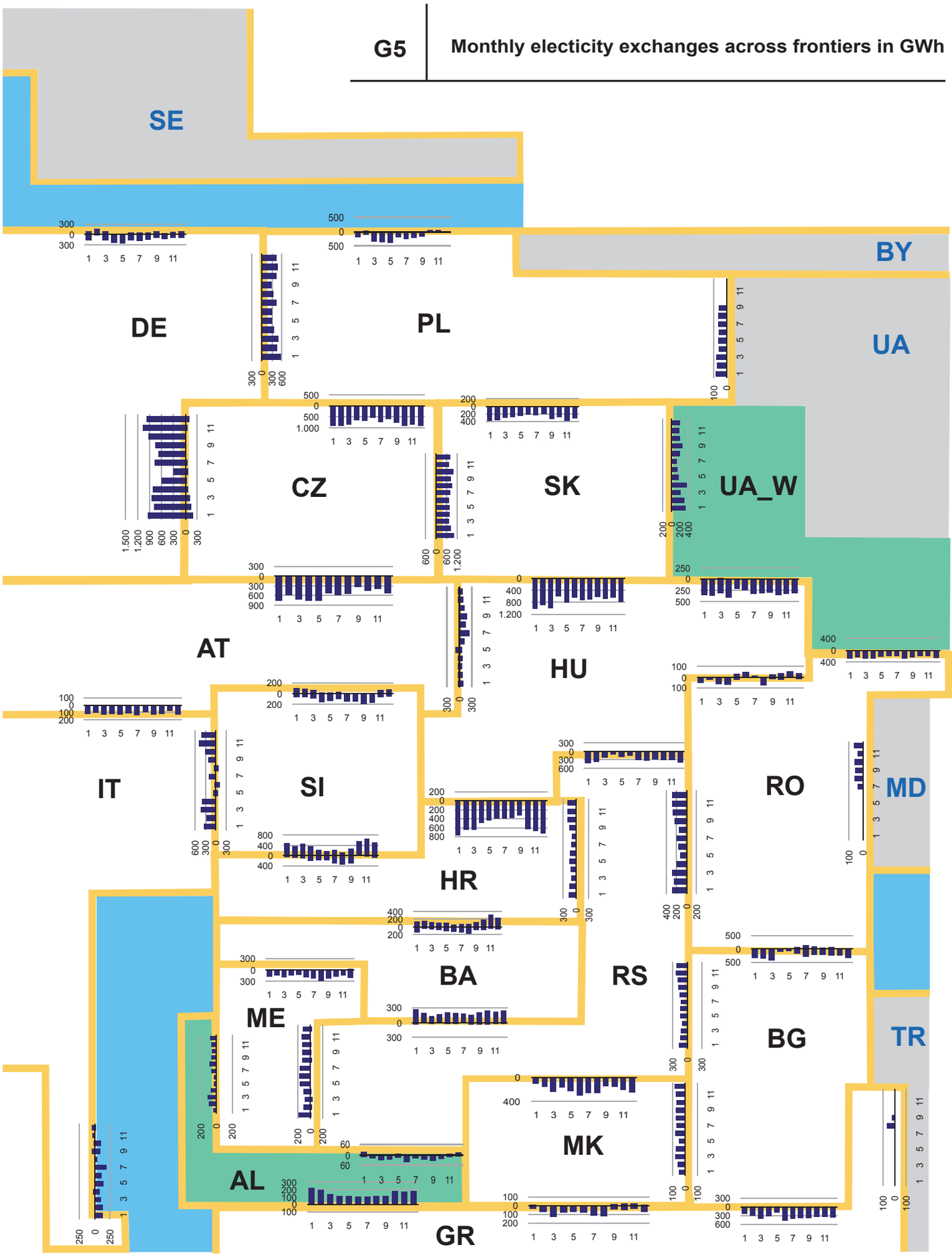
MA
UCTE region
Synchronous operation with UCTE region


SE
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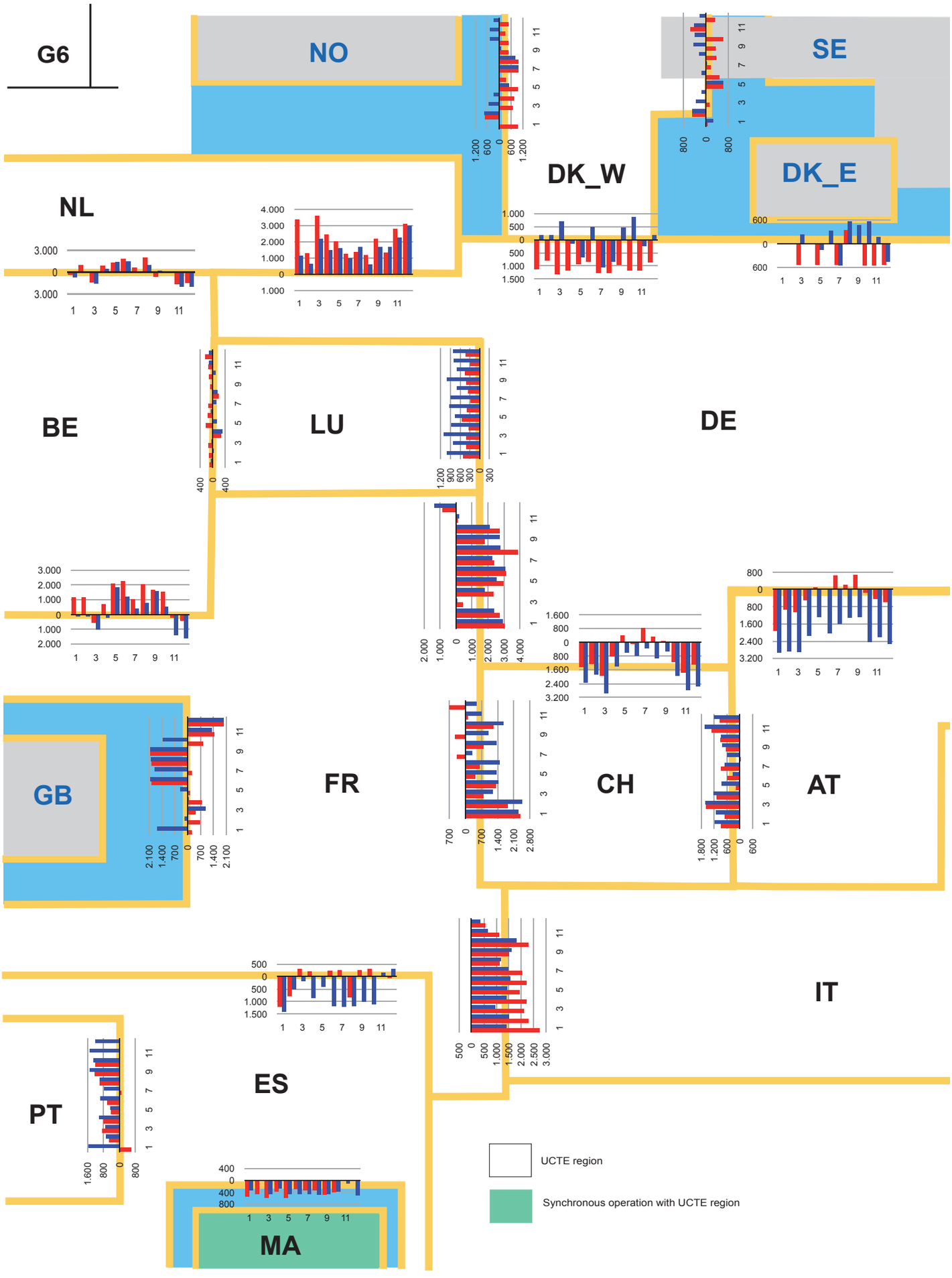
MK
GR


G6
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DK_E
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ES
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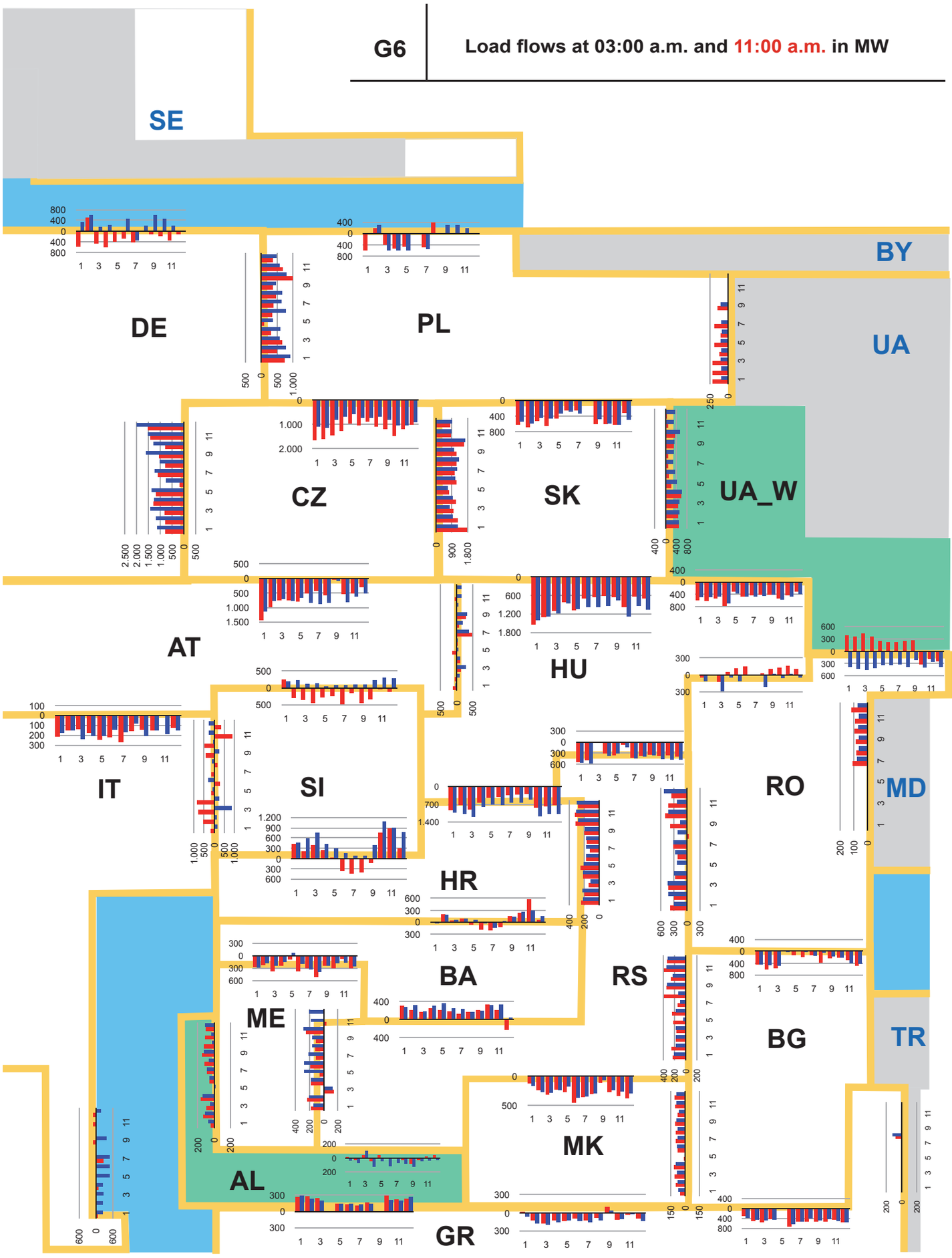
MA
UCTE region
Synchronous operation with UCTE region

G6 Load flows at 03:00 a.m. and 11:00 a.m. in MW



Observations	
[1]	Limited by phase shifting transformer in Meeden
[2]	Limited by phase shifting transformer in Meeden
[3]	Transformer in Borssele
[4]	Former October 2005 in FR Avelin
[5]	Transducer
[6]	Installed in Verbois
[7]	Cross-border power station (220/130)
[8]	Cross-border power station (220/130)
[9]	Cross-border power station (220/130)
[10]	Line property EnBW Netz in Germany partielly on the same tower as line Asphard-Kühmoos or Sierentz-Laufenburg
[11]	DC link with three connections
[12]	Transforming station of Lucciana in Corsica
[13]	DC link with three connections
[14]	Transforming station of Lucciana in Corsica
[15]	Partially on the same tower as the Laufenbourg-Engstlatt line (No. 105.1)
[16]	Transducer
[17]	Transducer
[18]	On the same tower as line No. 81 Laufenburg-Sierentz 380 kV
[19]	From Kühmoos to Laufenbourg on the same tower
[20]	Limited by measuring transducer at Laufenbourg
[21]	From Kühmoos to Laufenbourg on the same tower
[22]	On the same tower as line Sierentz-Laufenburg
[23]	On CH side 220 kV
[24]	Limited by switching devices in Austria
[25]	Disconnected till approx. 2010; afterwards line will be dismantled
[26]	Cable at Braunau
[27]	Cable at Braunau

Circuit ID (Frontier point.Line.Circuit)	Connection between: From substation Country	From substation Name	From substation Operated by	to substation Country	to substation Name	to substation Operated by	Voltage of the circuit Forecast	Voltage of the circuit Present	Conventional transmission capacity of the connection (thermal)* Forecast	Conventional transmission capacity of the connection (thermal)* Present	Limited by the transformers or by the substations of circuits at	of circuits Voltage	of lines Transmission capacity	of lines Voltage
Nr.							kV	kV	MVA	MVA	MVA	kV	MVA	kV
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
11.1.1	DE	Diele	E.ON Netz	NL	Meeden	TenneT TSO B.V.		380		1382	1000 [1]			
11.1.2	DE	Diele	E.ON Netz	NL	Meeden	TenneT TSO B.V.		380		1382	1000 [2]			
13.1.1	DE	Siersdorf	RWE Transportnetz Strom	NL	Maasbracht	TenneT TSO B.V.		380		1645				
13.1.2	DE	Rommerskirchen	RWE Transportnetz Strom	NL	Maasbracht	TenneT TSO B.V.		380		1698				
15.1.1	DE	Gronau	RWE Transportnetz Strom	NL	Hengelo	TenneT TSO B.V.		380		1790				
15.1.2	DE	Gronau	RWE Transportnetz Strom	NL	Hengelo	TenneT TSO B.V.		380		1790				
25.1.1	BE	Gramme	Elia	NL	Maasbracht	TenneT TSO B.V.		380		1207				
25.1.2	BE	Meerhout	Elia	NL	Maasbracht	TenneT TSO B.V.		380		1270				
26.1.1	BE	Zandvliet	Elia	NL	Geertruidenberg	TenneT TSO B.V.		380		1476				
26.2.1	BE	Zandvliet	Elia	NL	Borssele	TenneT TSO B.V.		380		1476	450 [3]			
41.1.1	BE	Aubange	Elia	LU	Belval	SOTEL		220		358				
41.1.2	BE	Aubange	Elia	LU	Belval	SOTEL		220		358				
41.2.1	BE	Aubange	Elia	LU	Belval	SOTEL		150		157	100			
41.3.1	BE	Aubange	Elia	LU	Belval	SOTEL		150		157	100			
51.1.1	BE	Monceau	Elia	FR	Chooz	RTE		220		356	290	150		
51.2.1	BE	Avelgem	Elia	FR	Mastaing [4]	RTE		380		1207				
51.2.2	BE	Avelgem	Elia	FR	Avelin	RTE		380		1367				
51.3.1	BE	Achène	Elia	FR	Lonny	RTE		380		1207				
52.1.1	BE	Aubange	Elia	FR	Moulaine	RTE		220		286				
71.1.1	DE	Uchtelfangen	RWE Transportnetz Strom	FR	Vigy	RTE		380		1790				
71.1.2	DE	Uchtelfangen	RWE Transportnetz Strom	FR	Vigy	RTE		380		1790				
71.2.1	DE	Ensdorf	RWE Transportnetz Strom	FR	St-Avold	RTE		220		261				
72.1.1	DE	Eichstetten	EnBW Transportnetze	FR	Vogelgrün	RTE	380	220		338 [5]		220		
72.1.2	DE	Eichstetten	EnBW Transportnetze	FR	Muhlbach	RTE		380		1751				
81.1.1	CH	Bassecourt	swissgrid	FR	Sierentz	RTE		380		1186				
81.2.1	CH	Laufenburg	swissgrid	FR	Sierentz	RTE		380		1167				
81.3.1	CH	Bassecourt	swissgrid	FR	Mambelin	RTE		380		1046				
82.1.1	CH	Verbois	swissgrid	FR	Bois-Tollot	RTE		380		1211	800	220 [6]		
82.1.2	CH	Chamoson	swissgrid	FR	Bois-Tollot	RTE		380		1409	600			
82.2.1	CH	Verbois	swissgrid	FR	Génissiat	RTE		220		315				11 [7]
82.2.2	CH	Verbois	swissgrid	FR	Génissiat	RTE		220		315				11 [8]
82.3.1	CH	Verbois	EOS	FR	Chancy-Pougny	SFM C-P		130		52	42			11 [9]
82.4.1	CH	La Bâtiaz	swissgrid	FR	Vallorcine	RTE		220		266				
82.5.1	CH	Riddes	swissgrid	FR	Cornier	RTE		220		275				
82.6.1	CH	St.-Triphon	swissgrid	FR	Cornier	RTE		220		275				
83.1.1 [10]	CH/DE	Asphard	swissgrid/EnBW Transp.netze	FR	Sierentz	RTE		380		1167				
91.1.1	FR	Albertville	RTE	IT	Rondissone	Terna		380		1244				
91.1.2	FR	Albertville	RTE	IT	Rondissone	Terna		380		1244				
92.1.1	FR	Trinite Victor	RTE	IT	Camporosso	Terna		220		320				
93.1.1	FR	Villarodin	RTE	IT	Venaus	Terna		380		956				
94.1.1 [11]	FR	Lucciana	EDF	IT	Suvereto	Terna		220 [12]		300			50	
94.1.2 [13]	FR	Lucciana	EDF	IT	Suvereto	Terna		220 [14]		300			50	
95.1.1	FR	Bonifacio	EDF	IT	Santa Teresa	Terna		150		53				
102.1.1 [15]	CH	Laufenburg	EGL Grid	DE	Gurtweil	EnBW Transportnetze		220		485	457 [16]	220		
102.1.2	CH	Laufenburg	EGL Grid	DE	Gurtweil	EnBW Transportnetze		220		469	457 [17]	220		
102.2.1 [18]	CH	Laufenburg	EGL Grid	DE	Kühmoos	EnBW Transportnetze		220		430				
102.3.1 [19]	CH	Laufenburg	EGL Grid	DE	Kühmoos	EnBW Transportnetze	380	220		430		220		
102.3.2	CH	Laufenburg	swissgrid	DE	Kühmoos	EnBW Transportnetze		380		1620	1580			
102.4.1	CH	Laufenburg	swissgrid	DE	Kühmoos	EnBW Transportnetze		380		1620	1580			
102.4.2	CH	Laufenburg	swissgrid	DE	Kühmoos	RWE Transportnetz Strom		380		1620	1265 [20]			
102.5.1 [21]	CH	Laufenburg	swissgrid	DE	Tiengen	RWE Transportnetz Strom		380		1131				
103.1.1	CH	Beznau	swissgrid	DE	Tiengen	RWE Transportnetz Strom		380		1158				
103.1.2	CH	Beznau	swissgrid	DE	Tiengen	RWE Transportnetz Strom	380	220		335				
103.1.3	CH	Klingnau	AWAG	DE	Tiengen	RWE Transportnetz Strom	380	110		57	40			
104.1.1 [22]	CH	Asphard	swissgrid	DE	Kühmoos	EnBW Transportnetze		380		1340				
105.1.1	CH	Laufenburg	swissgrid	DE	Engstlatt	EnBW Transportnetze		380		1580				
107.1.1 [23]	CH	Laufenburg 220kV	swissgrid	DE	Laufenburg 110 kV	ED		110		200				
111.1.1	AT	Bürs	VIW	DE	Obermooweiler	EnBW Transportnetze		380		1369				
111.1.2	AT	Bürs	VIW	DE	Obermooweiler	EnBW Transportnetze		380		1369				
111.2.1	AT	Bürs	VIW	DE	Herbertingen	RWE Transportnetz Strom		220		389				
111.3.1	AT	Bürs	VIW	DE	Dellmensingen	RWE Transportnetz Strom		220		492	457 [24]			
111.4.1	AT	Rieden	VKW -Netz	DE	Lindau	VKW -Netz		110		84				
111.4.2	AT	Hörbranz	VKW -Netz	DE	Lindau	VKW -Netz		110		84				
111.5.1	AT	Vorderwald	VKW -Netz	DE	Weiler	VKW -Netz		110		141				
115.1.1	AT	Braunau	ÖBK	DE	Neuötting	E.ON Netz		110		90 [25]			82 [26]	
115.2.1	AT	Braunau	ÖBK	DE	Stammham	E.ON Netz		110		102			82 [27]	
115.4.1	AT	Antiesenhofen	Verbund - APG	DE	Egglfing	E.ON Netz		110		102				

*The conventional transmission capacity of cross-frontier tie-lines is based upon parameters standardised within UCTE for the calculation of the thermal load capability of each line. For areal lines these are : ambient temperature of + 35°C, wind velocity of 0,56 m/s at a right angle to the line as well as the voltage value stated in column 10 or 11. The conditions relevant to system operation in various countries at various time of the year can strongly differ from those above. Because the real allowable load capability of the line depends on many other factors, such as load flow distribution, upholding of voltage, real ambient conditions, limits of stability, n-1 security, etc., the conventional transmission capacity has no relevance from the point of view of system operation or economics but allows just a comparison of order of magnitude of the various lines. Adding together the conventional transmission capacity of several tie-lines does not allow to infer on the real total transmission capability and leads to irrelevant results from the point of view of system operation.

Observations	
[28]	Transducer at Ering
[29]	Transducer at Ering
[30]	Isolator in St. Peter
[31]	Isolator in St. Peter
[32]	No international interconnector
[33]	CFT blocker at St. Peter
[34]	No international interconnector
[35]	CFT blocker at St. Peter
[36]	Switching device at Oberbrunn
[37]	Switching device at Oberbrunn
[38]	Possible to lay a second circuit
[39]	Possible to lay a second circuit
[40]	New substation with 400kV near spanish frontier: replace Cantegrit
[41]	New substation with 225kV near Spanish frontier: replace Mouguerre
[42]	Limited by transformer in Enstedt
[43]	Limited by transformer in Kassø
[44]	Transducer at Kassø
[45]	Transducer at Kassø
[46]	Monopol
[47]	DC submarine and underground cable
[48]	DC submarine and underground cable
[49]	DC submarine and underground cable
[50]	Under water cable
[51]	Under water cable
[52]	Limited by high-frequency coil
[53]	Generator line in radial operation - interconnected operation impossible
[54]	Installed at Vianden
[55]	Generator line in radial operation - interconnected operation impossible
[56]	Installed at Vianden
[57]	Generator line in radial operation - interconnected operation impossible
[58]	Installed at Vianden

Circuit ID	Connection between:						Voltage of the circuit		Conventional transmission capacity of the connection (thermal)*		Limited by the transformers or by the substations			
	From substation			to substation							of circuits		of lines	
(Frontier point.Line.Circuit)	Country	Name	Operated by	Country	Name	Operated by	Forecast	Present	Forecast	Present	at	Voltage	Transmission capacity	Voltage
Nr.							kV	kV	MVA	MVA	MVA	kV	MVA	kV
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
115.5.1	AT	St. Peter	Verbund - APG	DE	Altheim	E.ON Netz		220		301				
115.6.1	AT	St. Peter	Verbund - APG	DE	Simbach	E.ON Netz		220		301				
115.7.1	AT	St. Peter	Verbund - APG	DE	Ering	E.ON Netz		110		152	137		114 [28]	
115.7.2	AT	St. Peter	Verbund - APG	DE	Ering	E.ON Netz		110		152	137		114 [29]	
115.8.1	AT	St. Peter	Verbund - APG	DE	Egglfing	E.ON Netz		110		105				
115.9.1	AT	St. Peter	Verbund - APG	DE	Pirach	E.ON Netz		220		518	457 [30]			
115.10.1	AT	St. Peter	Verbund - APG	DE	Pleinting	E.ON Netz		220		518	457 [31]			
115.12.1	AT	Oberaudorf	ÖBK	DE	Rosenheim	E.ON Netz		110		93				
115.13.1	AT	Oberaudorf	ÖBK	DE	Kiefersfelden	E.ON Netz		110		102				
115.14.1	AT	Antiesenhofen	EAGOÖ-Netz	DE	Weidach	Thüga		110		130				
115.14.2	AT	Antiesenhofen	EAGOÖ-Netz	DE	Weidach	Thüga		110		130				
115.15.1	AT	Aigerding	Verbund - APG/EAGOÖ-Netz	DE	Passau	ÖBK		110		102				
115.16.1 [32]	AT	St. Peter	Verbund - APG	DE	Schärding	ÖBK		220		301			229 [33]	
115.16.2 [34]	AT	St. Peter	Verbund - APG	DE	Schärding	ÖBK		220		301			229 [35]	
115.17.1	AT	Kufstein	TIWAG-Netz	DE	Oberaudorf	E.ON Netz		110		90				
115.17.2	AT	Ebbs	TIWAG-Netz	DE	Oberaudorf	E.ON Netz		110		127				
116.1.1	AT	Westtirol	Verbund - APG	DE	Leupolz	RWE Transportnetz Strom		380		1316				
116.2.1	AT	Westtirol	Verbund - APG	DE	Memmingen	RWE Transportnetz Strom		220		762				
117.1.1	AT	Silz	TIWAG-Netz	DE	Oberbrunn	E.ON Netz		220		793	762 [36]			
117.1.2	AT	Silz	TIWAG-Netz	DE	Oberbrunn	E.ON Netz		220		793	762 [37]			
117.3.1	AT	Reutte	TIWAG-Netz	DE	Füssen	EW Reutte		110		127				
117.3.2	AT	Reutte	TIWAG-Netz	DE	Füssen	EW Reutte		110		127				
121.1.1	CH	All'Acqua	swissgrid	IT	Ponte	Terna		220		278				
121.2.1	CH	Gorduno	swissgrid	IT	Mese	Terna		220		278				
121.3.1	CH	Soazza	swissgrid	IT	Bulciago	Terna		380		1224				
121.4.1	CH	Lavorgo	swissgrid	IT	Musignano	Terna		380		1204				
122.1.1 [38]	CH	Campocologno	RE	IT	Poschiavino	Terna		150		103	42			
123.1.1	CH	Riddes	swissgrid	IT	Avise	Terna		220		309				
123.2.1	CH	Riddes	swissgrid	IT	Valpelline	Terna		220		309				
123.3.1	CH	Serra	swissgrid	IT	Pallanzeno	Terna		220		278				
124.1.1	CH	Robbia	swissgrid	IT	Gorlago	Terna		380		1340				
124.1.2	CH	Robbia	swissgrid	IT	San Fiorano	Terna		380		1340				
132.1.1	AT	Lienz	Verbund - APG	IT	Soverzene	Terna		220		257				
141.1.1 [39]	AT	Meiningen	VKW-Netz	CH	Y-Rehag	swissgrid		220		501				
141.2.1	AT	Meiningen	VKW-Netz	CH	Winkeln	swissgrid		220		776				
142.1.1	AT	Westtirol	Verbund - APG	CH	Pradella	swissgrid		380		1340				
142.2.1	AT	Westtirol	Verbund - APG	CH	Pradella	swissgrid		380		1340				
151.1.1	ES	Hernani	REE	FR	Argia [40]	RTE		380		1136				
151.2.1	ES	Irún	REE	FR	Errondenia	RTE		132		56				
151.3.1	ES	Arkale	REE	FR	Argia [41]	RTE		220		340				
151.4.1	ES	Biescas	REE	FR	Pragnères	RTE		220		237				
152.1.1	ES	Benós	REE	FR	Lac d'Oo	RTE		110		63				
153.1.1	ES	Vic	REE	FR	Baixas	RTE		380		1105				
161.1.1 [42]	DE	Flensburg	E.ON Netz	DK_W	Ensted	Energinet.dk		220		332	305			
161.2.1	DE	Flensburg	E.ON Netz	DK_W	Kassø	Energinet.dk		220		332	305 [43]			
161.3.1	DE	Audorf	E.ON Netz	DK_W	Kassø	Energinet.dk		380		1078	658 [44]			
161.3.2	DE	Audorf	E.ON Netz	DK_W	Kassø	Energinet.dk		380		1078	658 [45]			
161.4.1	DE	Flensburg UW Nord	E.ON Netz	DK_W	Ensted	Energinet.dk		150		150				
162.1.1 [46]	DE	Bentwisch	VE Transmission	DK_E	Bjæverskov	Energinet.dk		400		600 [47]				
163.1.1	NO	Kristiansand	Statnett	DK_W	Tjele	Energinet.dk				250 [48]				
163.1.2	NO	Kristiansand	Statnett	DK_W	Tjele	Energinet.dk				250 [49]				
164.1.1	NO	Kristiansand	Statnett	DK_W	Tjele	Energinet.dk				350 [50]				
166.1.1	SE	Lindome	Svenska Kraftnät	DK_W	Vester Hassing	Energinet.dk				360 [51]				
171.1.1	AT	Bisamberg	Verbund - APG	CZ	Sokolnice	CEPS		220		251				
171.2.1	AT	Bisamberg	Verbund - APG	CZ	Sokolnice	CEPS		220		251				
172.1.1	AT	Dürnrohr	Verbund - APG	CZ	Slavetice	CEPS		380		1559	1386 [52]			
181.1.1	AT	Obersielach	Verbund - APG	SI	Podlog	ELES		220		351				
182.1.1	AT	Kainachtal	Verbund - APG	SI	Maribor	ELES		380		1514	450			
182.2.1	AT	Kainachtal	Verbund - APG	SI	Maribor	ELES		380		1514	450			
191.1.1	DE	Niederstedem	RWE Transportnetz Strom	LU	Vianden	SEO		220		490	460 [53,54]			
191.1.2	DE	Niederstedem	RWE Transportnetz Strom	LU	Vianden	SEO		220		490	230			
191.2.1	DE	Bauler	RWE Transportnetz Strom	LU	Vianden	SEO		220		730	345 [55,56]			
191.2.2	DE	Bauler	RWE Transportnetz Strom	LU	Vianden	SEO		220		730	230 [57,58]			
191.3.1	DE	Bauler	RWE Transportnetz Strom	LU	Flebour	CEGEDEL Net SA		220		490			260	
191.4.1	DE	Bauler	RWE Transportnetz Strom	LU	Roost	CEGEDEL Net SA		220		490			260	
192.1.1	DE	Trier	RWE Transportnetz Strom	LU	Heisdorf	CEGEDEL Net SA		220		490				
192.2.1	DE	Quint	RWE Transportnetz Strom	LU	Heisdorf	CEGEDEL Net SA		220		490				

*The conventional transmission capacity of cross-frontier tie-lines is based upon parameters standardised within UCTE for the calculation of the thermal load capability of each line. For arial lines these are : ambient temperature of + 35°C, wind velocity of 0,56 m/s at a right angle to the line as well as the voltage value stated in column 10 or 11. The conditions relevant to system operation in various countries at various time of the year can strongly differ from those above. Because the real allowable load capability of the line depends on many other factors, such as load flow distribution, upholding of voltage, real ambient conditions, limits of stability, n-1 security, etc., the conventional transmission capacity has no relevance from the point of view of system operation or economics but allows just a comparison of order of magnitude of the various lines. Adding together the conventional transmission capacity of several tie-lines does not allow to infer on the real total transmission capability and leads to irrelevant results from the point of view of system operation.

Observations
[59] The 400kV DC link between GR-IT is composed of an overhead line and a submarine cable
[60] In Hungary 2 systems in parallel operation
[61] DC submarine cable
[62] Unit is MW instead of MVA
[63] DC submarine cable
[64] Unit is MW instead of MVA
[65] Limited by the connected network
[66] Nominal voltage in Croatia
[67] Limited by the connected network
[68] Nominal voltage in Croatia
[69] Built for 750 kV
[70] 4500 MVA at 750 kV
[71] The limitation is 750MW
[72] Limited by the Albanian network
[73] Capacity of current transformers at Bistrica
[74] Limitating installations in CZ
[75] Limitating installations in CZ
[76] Disconnected in Yugoslavia
[77] Destroyed line
[78] Out of operation

Circuit ID	Connection between:						Voltage of the circuit		Conventional trans-mission capacity of the connection (thermal)*		Limited by the transformers or by the substations				T 9
	From substation			to substation							of circuits		of lines		
(Frontier point.Line.Circuit)	Country	Name	Operated by	Country	Name	Operated by	Forecast	Present	Forecast	Present	at	Voltage	Transmission capacity	Voltage	
Nr.							kV	kV	MVA	MVA	MVA	kV	MVA	kV	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
201.1.1	IT	Redipuglia	Terna	SI	Divaca	ELES		380		1619					
201.2.1	IT	Padriciano	Terna	SI	Divaca	ELES		220		305					
205.1.1 [59]	IT	Galatina	Terna	GR	Arachthos	HTSO		380		500					
211.1.1	AT	Wien Süd-Ost	Verbund - APG	HU	Györ	MAVIR		220		209					
211.1.2	AT	Neusiedl	Verbund - APG	HU	Györ	MAVIR		220		209					
212.1.1 [60]	AT	Wien Süd-Ost	Verbund - APG	HU	Györ	MAVIR		380		1514					
221.1.1	FR	Mandarins	RTE	GB	Sellindge	National Grid		270 [61]		1000 [62]					
221.2.1	FR	Mandarins	RTE	GB	Sellindge	National Grid		270 [63]		1000 [64]					
231.1.1	ES	Las Conchas	REE	PT	Lindoso	REN		132		90					
232.1.1	ES	Aldeadávila	REE	PT	Bemposta	REN		220		374					
232.2.1	ES	Aldeadávila	REE	PT	Pocinho	REN		220		374					
232.3.1	ES	Saucelle	REE	PT	Pocinho	REN		220		346					
233.1.1	ES	Cedillo	REE	PT	Falagueira	REN		380		1300					
234.1.1	ES	Cartelle	REE	PT	Alto Lindoso	REN		380		1330					
234.1.2	ES	Cartelle	REE	PT	Alto Lindoso	REN		380		1330					
235.1.1	ES	Brovales	REE	PT	Alqueva	REN		400		1347					
241.1.1	MK	Dubrovo	MEPSO	GR	Thessaloniki	HTSO		400		1300					
242.1.1	MK	Bitola	MEPSO	GR	Meliti	HTSO		400		1300					
251.1.1	HU	Lenti	MAVIR	HR	Nedeljanec	HEP-OPS		120		79	50 [65]	110 [66]			
251.2.1	HU	Siklos	MAVIR	HR	Donji Miholjac	HEP-OPS		120		114	50 [67]	110 [68]			
251.3.1	HU	Héviz	MAVIR	HR	Zerjavinec	HEP-OPS		400		1246					
251.3.2	HU	Héviz	MAVIR	HR	Zerjavinec	HEP-OPS		400		1246					
261.1.1	RS	Djerdap	EMS	RO	Portile de Fier	TRANSELECTRICA		380		1135					
262.1.1	RS	Kikinda 1	EMS	RO	Jimbolia	TRANSELECTRICA		110		65					
263.1.1	RS	Kusijak	EMS	RO	Ostrovu Mare	TRANSELECTRICA		110		90					
264.1.1	RS	Sip	EMS	RO	Gura Vaii	TRANSELECTRICA		110		90					
271.1.1	BG	Sofija Zapad	NEK	RS	Niš	EMS		380		1309					
272.1.1	BG	Breznik	ESO EAD	RS	HE Vrla 1	EMS		110		97					
273.1.1	BG	Kula	ESO EAD	RS	Zajecar	EMS		110		90					
275.1.1	RO	Isaccea	TRANSELECTRICA	BG	Varna	ESO EAD	750	400 [69]	4500	2168 [70]			750[71]		
276.1.1	RO	Isalnita	TRANSELECTRICA	BG	Kozlodui	ESO EAD		220		330					
277.1.1	RO	Tântareni	TRANSELECTRICA	BG	Kozlodui	ESO EAD		400		1135		1000			
277.1.2	RO	Tântareni	TRANSELECTRICA	BG	Kozlodui	ESO EAD		400		1135					
278.1.1	RO	Isaccea	TRANSELECTRICA	BG	Dobrudja	ESO EAD		400		1565			830		
281.1.1	AL	Vau i Dejës	KESH	ME	Podgorica	EP CG		220		276					
282.1.1	AL	Fierza	KESH	RS	Prizren	EMS		220		270					
291.1.1	AL	Elbassan	KESH	GR	Kardia	HTSO		400		1300	250 [72]				
292.1.1	AL	Bistrica	KESH	GR	Mourtos	HTSO		150		120	40 [73]				
293.1.1	TR	Babaeski	TEIAS	GR	Didymoticho	HTSO		150		185					
301.1.1	BG	Blagoevgrad	ESO EAD	GR	Thessaloniki	HTSO		400		1300	700				
321.1.1	CZ	Hradec Zapad	CEPS	DE	Etzenricht	E.ON Netz		380		1363	1316 [74]				
321.1.2	CZ	Prestice	CEPS	DE	Etzenricht	E.ON Netz		380		1363	1579 [75]				
322.1.1	CZ	Hradec Vychod	CEPS	DE	Röhrsdorf	VE Transmission		380		1205					
322.1.2	CZ	Hradec Vychod	CEPS	DE	Röhrsdorf	VE Transmission		380		1205					
331.1.1	HU	Sándorfalva	MAVIR	RS	Subotica 3	EMS		380		1295	1050				
332.1.1	HU	Szeged	MAVIR	RS	Subotica	EMS		110		79 [76]	62				
341.1.1	BG	Skakavica	ESO EAD	MK	Kriva Palanka	MEPSO		110		123					
341.2.1	BG	Petric	ESO EAD	MK	Sušica	MEPSO		110		123					
351.1.1	HR	Melina	HEP -OPS	SI	Divaca	ELES		380		1264					
351.2.1	HR	Pehlin	HEP -OPS	SI	Divaca	ELES		220		366					
351.3.1	HR	Buje	HEP -OPS	SI	Koper	ELES		110		89					
351.4.1	HR	Matulji	HEP -OPS	SI	Ilirska Bistrica	ELES		110		53					
352.1.1	HR	Tumbri	HEP -OPS	SI	Krško	ELES		380		1316					
352.1.2	HR	Tumbri	HEP -OPS	SI	Krško	ELES		380		1316					
352.2.1	HR	Žerjavinec	HEP -OPS	SI	Cirkovce	ELES		220		297					
352.3.1	HR	Nedeljanec	HEP -OPS	SI	Formin	ELES		110		115					
361.1.1	BA	Mostar	NOS BiH	HR	Konjsko	HEP-OPS		400		1316					
361.2.1	BA	Mostar	NOS BiH	HR	Zakucac	HEP-OPS		220		311					
361.3.1	BA	Grahovo	NOS BiH	HR	Knin	HEP-OPS		110		90					
361.4.1	BA	Buško Blato	NOS BiH	HR	Kraljevac	HEP-OPS		110		115					
361.5.1	BA	Buško Blato	NOS BiH	HR	Peruca	HEP-OPS		110		90					
361.6.1	BA	Grude	NOS BiH	HR	Imotski	HEP-OPS		110		72					
361.7.1	BA	Kulen Vakuf	NOS BiH	HR	Gracac	HEP-OPS		110		120	101				
362.1.1	BA	Jajce	NOS BiH	HR	Mraclin	HEP-OPS		220		297 [77]					
362.2.1	BA	Prijedor	NOS BiH	HR	Meduric	HEP-OPS		220		297					
363.1.1	BA	Trebinje	NOS BiH	HR	Dubrovnik	HEP-OPS		220		460 [78]					
363.2.1	BA	Trebinje	NOS BiH	HR	Dubrovnik	HEP-OPS		220		460					

*The conventional transmission capacity of cross-frontier tie-lines is based upon parameters standardised within UCTE for the calculation of the thermal load capability of each line. For arial lines these are : ambient temperature of + 35°C, wind velocity of 0,56 m/s at a right angle to the line as well as the voltage value stated in column 10 or 11. The conditions relevant to system operation in various countries at various time of the year can strongly differ from those above. Because the real allowable load capability of the line depends on many other factors, such as load flow distribution, upholding of voltage, real ambient conditions, limits of stability, n-1 security, etc., the conventional transmission capacity has no relevance from the point of view of system operation or economics but allows just a comparison of order of magnitude of the various lines. Adding together the conventional transmission capacity of several tie-lines does not allow to infer on the real total transmission capability and leads to irrelevant results from the point of view of system operation.

Observations	
[79]	Destroyed line and substation
[80]	Destroyed line
[81]	Destroyed line
[82]	New line 400 kV between CS (EMS) and BA (NOS) Ugljevik - Sremska Mitrovica is operational from EMS side
[83]	Line is destroyed, currently under construction
[84]	Line is destroyed, currently under construction
[85]	DC submarine cable
[86]	Monopol
[87]	Limited by the measuring transformer of current
[88]	Limited by the connections among equipments
[89]	Limited by the measuring transformer of current
[90]	Limited by the measuring transformer of current
[91]	Limited by rope
[92]	Limited by the wire
[93]	On Polish side 400 kV line (internal designation between VE-T and PSE Operator)
[94]	On Polish side 400 kV line (internal designation between VE-T and PSE Operator)
[95]	Submarine cable
[96]	Submarine cable
[97]	Limited by current transformer at Krosno
[98]	Limited by current transformer at Krosno
[99]	Out of operation
[100]	Limeted by HF attenuator at UA side
[101]	Radial operation
[102]	Out of operation
[103]	Submarine cable
[104]	Limited by the choke coil
[105]	Limited by the choke coil
[106]	Limited by the measuring transformer of current
[107]	Out of operation
[108]	Limited by HF attenuator
[109]	Not in operation
[110]	Limitation 900 MW

Circuit ID	Connection between:						Voltage of the circuit		Conventional transmission capacity of the connection (thermal)*		Limited by the transformers or by the substations			
	From substation			to substation							of circuits		of lines	
(Frontier point.Line.Circuit)	Country	Name	Operated by	Country	Name	Operated by	Forecast	Present	Forecast	Present	at	Voltage	Transmission capacity	Voltage
Nr.							kV	kV	MVA	MVA	MVA	kV	MVA	kV
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
363.3.1	BA	Capljina	NOS BiH	HR	Opuzen	HEP-OPS		110		84				
363.4.1	BA	Neum	NOS BiH	HR	Opuzen	HEP-OPS		110		84				
363.5.1	BA	Neum	NOS BiH	HR	Ston	HEP-OPS		110		76				
363.6.1	BA	Trebinje	NOS BiH	HR	Komolac	HEP-OPS		110		84				
364.1.1	BA	Ugljevik	NOS BiH	HR	Ernestinovo	HEP-OPS		400		1264 [79]				
364.2.1	BA	Gradacac	NOS BiH	HR	Đakovo	HEP-OPS		220		229 [80]				
364.3.1	BA	Tuzla	NOS BiH	HR	Đakovo	HEP-OPS		220		229				
364.4.1	BA	Bosanski Brod	NOS BiH	HR	Slavonski Brod 2	HEP-OPS		110		115 [81]				
364.5.1	BA	Orasje	NOS BiH	HR	Županja	HEP-OPS		110		76				
371.1.1	HR	Ernestinovo	HEP-OPS	RS	Sremska Mitrovica	EMS		380		1264				
371.2.1	HR	Nijemci	HEP-OPS	RS	Šid	EMS		110		76				
371.3.1	HR	Beli Manastir	HEP-OPS	RS	Apatin	EMS		110		78				
381.1.1	BA	Trebinje	NOS BiH	ME	Podgorica	EP CG		380		1264				
381.2.1	BA	Trebinje	NOS BiH	ME	Perucica	EP CG		220		276				
381.3.1	BA	Trebinje	NOS BiH	ME	Herceg Novi	EP CG		110		90				
381.4.1	BA	Bileca	NOS BiH	ME	Vilusi	EP CG		110		84				
382.1.1	BA	Sarajevo 20	NOS BiH	ME	Piva	EP CG		220		366				
382.2.1	BA	Goražde	NOS BiH	ME	Pljevlja	EP CG		110		90				
383.1.1	BA	Višegrad	NOS BiH	RS	Požega	EMS		220		311				
383.2.1	BA	Bijeljina	NOS BiH	RS	Lešnica	EMS		110		123				
383.3.1	BA	Zvornik	NOS BiH	RS	HE Zvornik	EMS		110		123				
383.4.1	BA	Višegrad	NOS BiH	RS	Potpec	EMS		110		90				
383.5.1	BA	Ugljevik	NOS BiH	RS	Sremska Mitrovica	EMS		380		1264 [82]				
384.1.1	ME	Ribarevine	EP CG	RS	Kosovo B	EMS		380		1264				
384.2.1	ME	Pljevlja 2	EP CG	RS	Bajina Basta	EMS		220		350				
384.3.1	ME	Pljevlja 2	EP CG	RS	Pozega	EMS		220		365				
384.4.1	ME	Pljevlja 1	EP CG	RS	Zamrsten	EMS		110		70				
391.1.1	MK	Skopje 1	MEPSO	RS	Kosovo A	EMS		220		311 [83]				
391.2.1	MK	Skopje 1	MEPSO	RS	Kosovo A	EMS		220		311 [84]				
391.3.1	MK	Skopje 5	MEPSO	RS	Kosovo B	EMS		380		1218				
401.1.1 [85,86]	DE	Herrenwyk	E.ON Netz	SE	Kruseberg	Sydkraft/Vattenfall		450		600				
404.1.1	CZ	Nosovice	CEPS	SK	Varin	SEPS		400		1205	1386 [87]			
410.1.1	CZ	Liskovec	CEPS	SK	Pov. Bystrica	SEPS		220		221				
420.1.1	CZ	Sokolnice	CEPS	SK	Senica	SEPS		220		213				
424.1.1	CZ	Sokolnice	CEPS	SK	Krizovany	SEPS		400		1205	1323 [88]			
430.1.1	CZ	Sokolnice	CEPS	SK	Stupava	SEPS		400		1363	1386 [89]			
440.1.1	SK	V.Kapusany	SEPS	UA_W	Mukachevo	NPC Ukrenergo		400		1186	831 [90]			
443.1.1	CZ	Albrechtice	CEPS	PL	Dobrzeń	PSE-Operator S.A.		400		1088				
444.1.1	CZ	Nošovice	CEPS	PL	Wielopole	PSE-Operator S.A.		400		1088				
450.1.1	CZ	Liskovec	CEPS	PL	Kopanina	PSE-Operator S.A.		220		399				
460.1.1	CZ	Liskovec	CEPS	PL	Bujaków	PSE-Operator S.A.		220		399				
501.1.1	DE	Vierraden	VE Transmission	PL	Krajnik	PSE-Operator S.A.		220		390 [91]				
501.1.2	DE	Vierraden	VE Transmission	PL	Krajnik	PSE-Operator S.A.		220		402 [92]				
502.1.1	DE	Hagenwerder	VE Transmission	PL	Mikułowa	PSE-Operator S.A.		380 [93]		1302				
502.1.2	DE	Hagenwerder	VE Transmission	PL	Mikułowa	PSE-Operator S.A.		380 [94]		1302				
601.1.1 [95]	ES	Puerto de la Cruz	REE	MA	Melloussa 1	ONE		380		715				
601.1.2 [96]	ES	Puerto de la Cruz	REE	MA	Melloussa 2	ONE		380		715				
700.1.1	PL	Krosno Iskrzynia	PSE-Operator S.A.	SK	Lemešany	SEPS		400		1252	831 [97]			
700.1.2	PL	Krosno Iskrzynia	PSE-Operator S.A.	SK	Lemešany	SEPS		400		1252	831 [98]			
701.1.1	PL	Rzeszów	PSE-Operator S.A.	UA	Chmielnicka	NPC Ukrenergo		750		2676 [99]	1949 [100]			
702.1.1	PL	Zamość	PSE-Operator S.A.	UA	Dobrotwor	NPC Ukrenergo		220		309 [101]				
703.1.1	PL	Białystok	PSE-Operator S.A.	BY	Ros	Grodnoenergo		220		215 [102]				
704.1.1	PL	Słupsk	PSE-Operator S.A.	SE	Stärnö	SvK		450		600 [103]				
710.1.1	HU	Györ	MAVIR	SK	Gabcikovo	SEPS		400		1330	1386 [104]			
711.1.1	HU	Göd	MAVIR	SK	Levice	SEPS		400		1330	1386 [105]			
720.1.1	HU	Albertirsa	MAVIR	UA_W	Zahidno Ukrainska	NPC Ukrenergo		750		4010	1400			
721.1.1	HU	Sajószöged	MAVIR	UA_W	Mukacevo	NPC Ukrenergo		400		1390	693 [106]			
722.1.1	HU	Kisvárda	MAVIR	UA_W	Mukacevo	NPC Ukrenergo		220		209	305			
722.1.2	HU	Tiszalök	MAVIR	UA_W	Mukacevo	NPC Ukrenergo		220		209	305			
730.1.1	HU	Sándorfalva	MAVIR	RO	Arad	TRANSELECTRICA		400		1135				
740.1.1	RO	Rosiori	TRANSELECTRICA	UA_W	Mukacevo	NPC Ukrenergo		400		1135				
741.1.1	RO	Isaccea	TRANSELECTRICA	UA_W	PivdennoUkrainska AES	NPC Ukrenergo		750		4500 [107]	2100 [108]			
750.1.1	RO	Stânca	TRANSELECTRICA	MD	Costesti	Moldenergo		110		238				
751.1.1	RO	Husi	TRANSELECTRICA	MD	Cioara	Moldenergo		110		75				
752.1.1	RO	Tutora	TRANSELECTRICA	MD	Ungheni	Moldenergo		110		88				
753.1.1	RO	Issaccea	TRANSELECTRICA	MD	Vulcanesti	Moldenergo		400		1043				
760.1.1	BG	Maritsa3	ESO EAD	TR	Babaeski	TEIAS		400		1309 [109]	900			
761.1.1	BG	Maritsa3	ESO EAD	TR	Hamitabat	TEIAS		400	1715	900 [110]				

*The conventional transmission capacity of cross-frontier tie-lines is based upon parameters standardised within UCTE for the calculation of the thermal load capability of each line. For arial lines these are : ambient temperature of + 35°C, wind velocity of 0,56 m/s at a right angle to the line as well as the voltage value stated in column 10 or 11. The conditions relevant to system operation in various countries at various time of the year can strongly differ from those above. Because the real allowable load capability of the line depends on many other factors, such as load flow distribution, upholding of voltage, real ambient conditions, limits of stability, n-1 security, etc., the conventional transmission capacity has no relevance from the point of view of system operation or economics but allows just a comparison of order of magnitude of the various lines. Adding together the conventional transmission capacity of several tie-lines does not allow to infer on the real total transmission capability and leads to irrelevant results from the point of view of system operation.

Abbreviations used for grid operators

Austria	Verbund - APG TIWAG Netz AG VKW - Netz AG	Verbund - Austria Power Grid AG TIWAG Netz AG VKW - Netz AG
Bosnia - Herzegovina	ISO BiH	Nezavisni operator sustava u Bosni i Hercegovini
Belgium	Elia	Elia System Operator SA/NV
Bulgaria	ESO EAD	Electroenergien Sistemen Operator EAD
Switzerland	swissgrid	swissgrid ag
	EPCG EPS	Elektroprivreda Crne Gore JP Elektromreža Srbije
Czech Republic	CEPS	CEPS a.s.
Germany	E.ON Netz EnBW Transportnetze RWE Transportnetz Strom VE Transmission	E.ON Netz GmbH EnBW Transportnetze AG RWE Transportnetz Strom GmbH Vattenfall Europe Transmission GmbH
Denmark West	Energinet.dk	Energinet.dk
Spain	REE	Red Eléctrica de España S.A.
France	RTE	RTE EDF Transport S.A.
Greece	HTSO / DESMIE	Hellenic Transmission System Operator/ Diachiristis Elinikou Sistimatos Metaforas Ilectrikis Energias
Croatia	HEP - OPS	HEP-Operator prijenosnog sustava d.o.o.
Hungary	MAVIR ZRt.	MAVIR Magyar Villamosenergia-ipari Rendszerirányító Zártkörúen Múködó Részvénytársaság
Italy	Terna S.p.A.	Terna - Rete Elettrica Nazionale SpA
Luxembourg	CEGEDEL Net S.A.	Compagnie Grand Ducale d'Electricité du Luxembourg
Montenegro	EPCG	Elektroprivreda Crne Gore
FYROM	MEPSO	Macadonian Transmission System Operator
The Netherlands	TenneT TSO B.V.	TenneT TSO B.V.
Poland	PSE-Operator	PSE-Operator S.A.
Portugal	REN	Rede Eléctrica Nacional, S.A.
Romania	TRANSELECTRICA	C.N. Transelectrica S.A.
Slovenia	ELES	Elektro Slovenija
Serbia	EMS	JP Elektromreža Srbije
Slovak Republic	SEPS	Slovenska elektrizacna prenosova sustava, a.s.
Denmark East	Energinet.dk	Energinet.dk
Ukraine West	NPC Ukrenergo	NPC Ukrenergo
Albania	KESH	Albanian Electroenergetic Corporation
Belarus	Grodnoenergo	Grodnoenergo
Great Britain	National Grid	The National Grid Company plc
Morocco	ONE	Office National de l'Electricité
Republic of Moldavia	Moldenergo	Moldenergo
Norway	Statnett	Statnett
Republic of Turkey	TEIAS	Türkiye Elektrik Iletim A.S.
Sweden	SYDKRAFT VATTENFALL SvK	Sydkraft AB Vattenfall AB Svenska Kraftnät

T9a Unavailability of international tie lines - Overview 2007

Circuit ID	From substation	To substation	Voltage [kV]	Thermal conventional transmission capacity [MVA]	Major Reason	Time whole year [min]	January [min]	February [min]	March [min]	April [min]	May [min]	June [min]	July [min]	August [min]	September [min]	October [min]	November [min]	December [min]
11.1.1	DE - Diele (E.ON Netz)	NL - Meeden (TenneT TSO B.V.)	380	1382	R1,R2,R3	47750			453		93	12398	6200		26	28580		
11.1.2	DE - Diele (E.ON Netz)	NL - Meeden (TenneT TSO B.V.)	380	1382	R1,R2	6401			24			6377						
13.1.1	DE - Siersdorf (RWE Transportnetz Strom)	NL - Maasbracht (TenneT TSO B.V.)	380	1645	R1,R10	6863		715		6148								
13.1.2	DE - Rommerskirchen (RWE Transportnetz Strom)	NL - Maasbracht (TenneT TSO B.V.)	380	1698	R10	524		524										
15.1.1	DE - Gronau (RWE Transportnetz Strom)	NL - Hengelo (TenneT TSO B.V.)	380	1790	R1,R10	35468	33567	98					1803					
15.1.2	DE - Gronau (RWE Transportnetz Strom)	NL - Hengelo (TenneT TSO B.V.)	380	1790	R1	3398							3398					
25.1.1	BE - Gramme (Elia)	NL - Maasbracht (TenneT TSO B.V.)	380	1207	R1,R6,R8	37781			18133	19648		0	0					
25.1.2	BE - Meerhout (Elia)	NL - Maasbracht (TenneT TSO B.V.)	380	1270	R1,R2,R3,R7	45412		299			34861		503					9749
26.1.1	BE - Zandvliet (Elia)	NL - Geertruidenberg (TenneT TSO B.V.)	380	1476	R1	649									649			
26.2.1	BE - Zandvliet (Elia)	NL - Borssele (TenneT TSO B.V.)	380	1476	R2	665												665
41.1.1	BE - Aubange (Elia)	LU - Belval (SOTEL)	220	358	R1	472				472								
41.1.2	BE - Aubange (Elia)	LU - Belval (SOTEL)	220	358	R1	6390				6390								
41.2.1	BE - Aubange (Elia)	LU - Belval (SOTEL)	150	157	R1,R10	2204								1709	177	318		
41.3.1	BE - Aubange (Elia)	LU - Belval (SOTEL)	150	157	R1	281								91	178	12		
51.1.1	BE - Monceau (Elia)	FR - Chooz (RTE)	220	356	R1,R3	36521	8718				27803							
51.2.1	BE - Avelgem (Elia)	FR - Mastaing (RTE)	380	1207	R1,R8	2516			2017	499		0						
51.2.2	BE - Avelgem (Elia)	FR - Avelin (RTE)	380	1367	R1	19891				3453						16438		
51.3.1	BE - Achene (Elia)	FR - Lonny (RTE)	380	1207	R1,R2,R9	6300		8		6292								
52.1.1	BE - Aubange (Elia)	FR - Moulaine (RTE)	220	286	R1	16444								16444				
71.1.1	DE - Uchtelfangen (RWE Transportnetz Strom)	FR - Vigy (RTE)	380	1790	R1	703		703										
71.1.2	DE - Uchtelfangen (RWE Transportnetz Strom)	FR - Vigy (RTE)	380	1790	R1	597		597										
71.2.1	DE - Ensdorf (RWE Transportnetz Strom)	FR - St-Avold (RTE)	220	261	R1,R10	36201	585		13652						632		17280	4052
72.1.1	DE - Eichstetten (EnBW Transportnetze)	FR - Vogelgrün (RTE)	220	338	R1,R9	9847			6		6358			3476		7		
72.1.2	DE - Eichstetten (EnBW Transportnetze)	FR - Muhlbach (RTE)	380	1751	R1	6342					6329				13			
81.1.1	CH - Bassecourt (swissgrid)	FR - Sierentz (RTE)	380	1186	R1	21379	4808						178				16393	
81.2.1	CH - Laufenburg (swissgrid)	FR - Sierentz (RTE)	380	1167	R1	40322	13977	22498		3522		325						
81.3.1	CH - Bassecourt (swissgrid)	FR - Mambelin (RTE)	380	1046	R1	8803		2020			5		341			6437		
82.1.1	CH - Verbois (swissgrid)	FR - Bois-Tollot (RTE)	380	1211	R1,R9	6877	539				12					6326		
82.1.2	CH - Chamoson (swissgrid)	FR - Bois-Tollot (RTE)	380	1409	R1, R9	28593	547			113	17328	1047			9558			
82.2.1	CH - Verbois (swissgrid)	FR - Génissiat (RTE)	220	315	R1	12599									6284	6315		
82.2.2	CH - Verbois (swissgrid)	FR - Génissiat (RTE)	220	315	R1	57851									39889	17962		
82.5.1	CH - Riddes (swissgrid)	FR - Cornier (RTE)	220	275	R1,R2,R8	18266				16134			201			1717	214	
82.6.1	CH - St.-Triphon (swissgrid)	FR - Cornier (RTE)	220	275	R1	6420										6420		
83.1.1	DE - Asphard (swissgrid/EnBW Tr.Netze)	FR - Sierentz (RTE)	380	1167	R1	35466										22646	12611	209
91.1.1	FR - Albertville (RTE)	IT - Rondissone (Terna)	380	1244	R1	2096								2096				
91.1.2	FR - Albertville (RTE)	IT - Rondissone (Terna)	380	1244	R1	2505								2505				
92.1.1	FR - Trinite Victor (RTE)	IT - Camporosso (Terna)	220	320	R1	18720									18720			
93.1.1	FR - Villarodin (RTE)	IT - Venaus (Terna)	380	956	R1	9181								9181				
94.1.1	FR - Lucciana (EDF)	IT - Suvereto (Terna)	220	300	R1	6720						6720						
102.1.1	CH - Laufenburg (swissgrid)	DE - Gurtweil (EnBW Transportnetze)	220	485	R1	3932					3246				686			
102.1.2	CH - Laufenburg (swissgrid)	DE - Gurtweil (EnBW Transportnetze)	220	469	R1	2011				2011								
102.2.1	CH - Laufenburg (swissgrid)	DE - Kühmoos (EnBW Transportnetze)	220	430	R1,R9	7007					7003			4				
102.3.1	CH - Laufenburg (swissgrid)	DE - Kühmoos (EnBW Transportnetze)	220	430	R1	7000					7000							
102.3.2	CH - Laufenburg (swissgrid)	DE - Kühmoos (EnBW Transportnetze)	380	1620	R1,R2	7269			3549	2021			1699					
102.4.1	CH - Laufenburg (swissgrid)	DE - Kühmoos (EnBW Transportnetze)	380	1620	R1	7244			3549	2018			1677					
102.4.2	CH - Laufenburg (swissgrid)	DE - Kühmoos (RWE Transportnetz Strom)	380	1620	R1,R2	3921			1998						1923			
102.5.1	CH - Laufenburg (swissgrid)	DE - Tiengen (RWE Transportnetz Strom)	380	1131	R1,R2	10695									10695			
103.1.1	CH - Beznau (swissgrid)	DE - Tiengen (RWE Transportnetz Strom)	380	1158	R1	16524							12525	3999				
103.1.2	CH - Beznau (swissgrid)	DE - Tiengen (RWE Transportnetz Strom)	220	335	R1	16951		105					12526	4320				
104.1.1	CH - Asphard (swissgrid)	DE - Kühmoos (EnBW Transportnetze)	380	1340	R1	2083											2083	
105.1.1	CH - Laufenburg (swissgrid)	DE - Engstlatt (EnBW Transportnetze)	380	1580	R1,R3,R9	18014			10351		499			1678	641	4163	682	
111.1.1	AT - Bürs (VIW)	DE - Obermooweiler (EnBW Transportnetze)	380	1369	R1,R2,R7	1894				354			103		1203	234		
111.1.2	AT - Bürs (VIW)	DE - Obermooweiler (EnBW Transportnetze)	380	1369	R1,R2	3644	1788				1039				474	343		
111.2.1	AT - Bürs (VIW)	DE - Herbertingen (RWE Transportnetz Strom)	220	389	R1,R2	9873					220		9201			452		
111.3.1	AT - Bürs (VIW)	DE - Dellmensingen (RWE Transportnetz Strom)	220	492	R1	7205	419				562					6224		
115.5.1	AT - St. Peter (Verbund-APG)	DE - Altheim (E.ON Netz)	220	301	R1	15104	115						3782	5434	4180	1593		
115.6.1	AT - St. Peter (Verbund-APG)	DE - Simbach (E.ON Netz)	220	301	R1	440										440		
115.9.1	AT - St. Peter (Verbund-APG)	DE - Pirach (E.ON Netz)	220	518	R10	1037						1037						
115.10.1	AT - St. Peter (Verbund-APG)	DE - Pleinting (E.ON Netz)	220	518	R10	1061						1048					13	
116.1.1	AT - Westtirol (Verbund-APG)	DE - Leupolz (RWE Transportnetz Strom)	380	1316	R1	22630							2470	20160				
116.2.1	AT - Westtirol (Verbund-APG)	DE - Memmingen (RWE Transportnetz Strom)	220	762	R1,R7	16942	575						16367					
117.1.1	AT - Silz (TIWAG-Netz)	DE - Oberbrunn (E.ON Netz)	220	793	R1	274				59			215					
117.1.2	AT - Silz (TIWAG-Netz)	DE - Oberbrunn (E.ON Netz)	220	793	R1	3106	243		1028	89			546				1200	
121.1.1	CH - All´Acqua (swissgrid)	IT - Ponte (Terna)	220	278	R1,R2,R9	6222					1680	451	1188	681	1560	662		

Reasons: R1 - Maintenance, R2 - Repair, R3 - New construction, R4 - Overload (also calculated), R5 - False operation, R6 - Failure in prodection device or other element, R7 - Outside impacts (animals, trees, fire, avalance,...), R8 - Very exceptional conditions (weather, natural disaster,...), R9 - Other reasons, R10 - Unknown reasons

Unavailability of international tie lines - Overview 2007

Circuit ID	From substation	To substation	Voltage [kV]	Thermal conventional transmission capacity [MVA]	Major Reason	Time whole year [min]	January [min]	February [min]	March [min]	April [min]	May [min]	June [min]	July [min]	August [min]	September [min]	October [min]	November [min]	December [min]
121.2.1	CH - Gorduno (swissgridl)	IT - Mese (Terna)	220	278	R1	5181									341	4840		
121.3.1	CH - Soazza (swissgrid)	IT - Bulciago (Terna)	380	1224	R6, R9	614									172		442	
121.4.1	CH - Lavorgo (swissgrid)	IT - Musignano (Terna)	380	1204	R1	6428								6428				
123.1.1	CH - Riddes (swissgrid)	IT - Avise (Terna)	220	309	R1	13080					13080							
123.2.1	CH - Riddes (swissgrid)	IT - Valpelline (Terna)	220	309	R1	662				662								
123.3.1	CH - Serra (swissgrid)	IT - Pallanzeno (Terna)	220	278	R1	16948				565				16383				
124.1.1	CH - Robbia (swissgrid)	IT - Gorlago (Terna)	380	1340	R1	22192								22192				
124.1.2	CH - Robbia (swissgrid)	IT - San Fiorano (Terna)	380	1340	R1	244									244			
132.1.1	AT - Lienz (Verbund-APG)	IT - Soverzene (Terna)	220	257	R1	9420			1620					7800				
141.1.1	AT - Meiningen (VKW-Netz)	CH - Y-Rehag (swissgrid)	220	501	R1,R9	3827		1988	677						668		494	
141.2.1	AT - Meiningen (VKW-Netz)	CH - Winkeln (swissgrid)	220	776	R1,R9	1011		453	558									
142.1.1	AT - Westtirol (Verbund-APG)	CH - Pradella (swissgrid)	380	1340	R2,R9	4355							2039		2114	202		
142.2.1	AT - Westtirol (Verbund-APG)	CH - Pradella (swissgrid)	380	1340	R1,R2,R9	4365					2048				2114	203		
151.1.1	ES - Hernani (REE)	FR - Argia (RTE)	380	1136	R1	511					511							
151.3.1	ES - Arkale (REE)	FR - Argia (RTE)	220	340	R1,R6	421	33		388									
151.4.1	ES - Biescas (REE)	FR - Pragnères (RTE)	220	237	R1,R9	24361		1095			23266							
153.1.1	ES - Vic (REE)	FR - Baixas (RTE)	380	1105	R1,R2	737				465			272					
161.1.1	DE - Flensburg (E.ON Netz)	DK_W - Ensted (Energinet.dk)	220	332	R1,R4	1323					21		1052				250	
161.2.1	DE - Flensburg (E.ON Netz)	DK_W - Kassø (Energinet.dk)	220	332	R1,R4	20792					20			16829	3522		421	
161.3.1	DE - Audorf (E.ON Netz)	DK_W - Kassø (Energinet.dk)	380	1078	R1	2938	475										1287	1176
161.3.2	DE - Audorf (E.ON Netz)	DK_W - Kassø (Energinet.dk)	380	1078	R2	527	527											
163.1.1	NO - Kristiansand (Statnett)	DK_W - Tjele (Energinet.dk)		250	R3,R6,R7,R9	27051			340		112	26575				24		
163.1.2	NO - Kristiansand (Statnett)	DK_W - Tjele (Energinet.dk)		250	R2,R3,R5,R7	30342			340			26575			3361		66	
164.1.1	NO - Kristiansand (Statnett)	DK_W - Tjele (Energinet.dk)		350	R1,R2,R7,R8	180185	161		666			3618			43200	44700	43200	44640
165.1.1	SE - Stenkullen (Svenska Kraftnät)	DK_W - Vester Hassing- Lindome (Energinet.dk)		125	R1,R2,R6,R9	23655	2456	895	11711	7001		300					112	1180
166.1.1	SE - Lindome (Svenska Kraftnät)	DK_W - Vester Hassing- LIndome (Energinet.dk)		360	R1,R2,R6,R8,R9	17235	107	271	8516	6897	480	300				138		526
171.1.1	AT - Bisamberg (Verbund-APG)	CZ - Sokolnice (CEPS)	220	251	R1	6866			391	3218	3257							
171.2.1	AT - Bisamberg (Verbund-APG)	CZ - Sokolnice (CEPS)	220	251	R1	9320			155	5908	3257							
172.1.1	AT - Dürnrohr (Verbund-APG)	CZ - Slavetice (CEPS)	380	1559	R2	589										589		
182.1.1	AT - Kainachtal (Verbund-APG)	SI - Maribor (ELES)	380	1514	R9	541							541					
182.2.1	AT - Kainachtal (Verbund-APG)	SI - Maribor (ELES)	380	1514	R9	0												0
191.3.1	DE - Bauler (RWE Transportnetz Strom)	LU - Flebour (CEGEDEL Net SA)	220	490	R1	2740				831	1526		383					
191.4.1	DE - Bauler (RWE Transportnetz Strom)	LU - Roost (CEGEDEL Net SA)	220	490	R1	73690	6714	8223	19892			5551		4929		14827	13426	128
192.1.1	DE - Trier (RWE Transportnetz Strom)	LU - Heisdorf (CEGEDEL Net SA)	220	490	R1	2251						1399				852		
192.2.1	DE - Quint (RWE Transportnetz Strom)	LU - Heisdorf (CEGEDEL Net SA)	220	490	R1,R10	6140	484			2447	2449	180				580		
201.2.1	IT - Padriciano (Terna)	SI - Divaca (ELES)	220	305	R1,R8	36848					9			6720	30119			
205.1.1	IT - Galatina (Terna)	GR - Arachthos (HTSO)	380	500	R1,R2,R6,R10	69073			1570		160	17520	232	37920		10854	480	337
221.1.1	GB - Sellindge (National Grid)	FR - Mandarins (RTE)	270	1000	R1,R9,R10	7630			161	522	81	8	205		6516			137
221.2.1	GB - Sellindge (National Grid)	FR - Mandarins (RTE)	270	1000	R1,R2,R6,R10	15399	165	6138	81	104	60	56	13	42	334	8406		
231.1.1	ES - Las Conchas (REE)	PT - Lindoso (REN)	132	90	R3,R9	3974									3397	577		
232.3.1	ES - Saucelle (REE)	PT - Pocinho (REN)	220	346	R2	302		302										
233.1.1	ES - Cedillo (REE)	PT - Falagueira (REN)	380	1300	R1,R9	57339							2491	44640	9915		293	
234.1.1	ES - Cartelle (REE)	PT - Alto Lindoso (REN)	380	1330	R2,R9	2265				277	1988							
234.1.2	ES - Cartelle (REE)	PT - Alto Lindoso (REN)	380	1330	R2	235				235								
235.1.1	ES - Brovales (REE)	PT - Alqueva (REN)	400	1347	R3,R9	1332		436		2							894	
241.1.1	MK - Dubrovo (MEPSO)	GR - Thessaloniki (HTSO)	400	1300	R1	8953				8953								
242.1.1	MK - Bitola (MEPSO)	GR - Meliti (HTSO)	400	1300	R1,R3,R5,R10	178731		3830	44580	43199	44640	33778	37			2437	6230	
261.1.1	RS - Djerdap (EMS)	RO - Portile de Fier (TRANSELECTRICA)	400	1135	R1	4589								3878	711			
271.1.1	BG - Sofija Zapad (ESO EAD)	RS - Nis (EMS)	380	1309	R1	2781									2781			
277.1.1	RO - Tântareni (TRANSELECTRICA)	BG - Kozlodui (ESO EAD)	400	1135	R1	1039								1039				
277.1.2	RO - Tântareni (TRANSELECTRICA)	BG - Kozlodui (ESO EAD)	400	1135	R1	15098							7920	7178				
278.1.1	RO - Isaccea (TRANSELECTRICA)	BG - Dobrudja (ESO EAD)	400	1565	R1	28755			2262						19646	6847		
282.1.1	AL - Fierza (KESH)	RS - Prizren (EMS)	220	270	R1	8251					4920				3331			
291.1.1	AL - Elbassan (KESH)	GR - Kardia (HTSO)	400	1300	R1,R9,R10	13133				7832			97	139	4811			254
301.1.1	BG - Blagoevgrad (ESO EAD)	GR - Thessaloniki (HTSO)	400	1300	R1,R10	21343	122				17768		37	40				3376
321.1.1	CZ - Hradec Zapad (CEPS)	DE - Etzenricht (E.ON Netz)	400	1363	R1	5504	480			4830						194		
321.1.2	CZ - Prestice (CEPS)	DE - Etzenricht (E.ON Netz)	400	1363	R1,R7,R9	2233			2224					7	2			
322.1.1	CZ - Hradec Vychod (CEPS)	DE - Röhrsdorf (VE Transmission)	400	1205	R1	2737			1213					460			1064	
322.1.2	CZ - Hradec Vychod (CEPS)	DE - Röhrsdorf (VE Transmission)	400	1205	R1,R3,R9	42721		295	1695	1953				19781	17981		1016	
331.1.1	HU - Sandorfalva (MAVIR)	RS - Subotica 3 (EMS)	380	1295	R2	45580			18220	27360								
341.1.1	BG - Skakavica (ESO EAD)	MK - Kriva Palanka (MEPSO)	110	123	R9	18660					18660							
341.2.1	BG - Petric (ESO EAD)	MK - Sušica (MEPSO)	110	157	R9	18660					18660							

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Circuit ID	From substation	To substation	Voltage [kV]	Thermal conventional transmission capacity [MVA]	Major Reason	Time whole year [min]	January [min]	February [min]	March [min]	April [min]	May [min]	June [min]	July [min]	August [min]	September [min]	October [min]	November [min]	December [min]
351.1.1	HR - Melina (HEP-OPS)	SI - Divaca (ELES)	400	1264	R9	24								6	18			
351.2.1	HR - Pehlin (HEP-OPS)	SI - Divaca (ELES)	220	366	R8	26					26							
351.3.1	HR - Buje (HEP-OPS)	SI - Koper (ELES)	110	89	R4,R8,R9	17				3	11			3				
352.1.2	HR - Tumbri (HEP-OPS)	SI - Krško (ELES)	400	1316	R9	355					355							
352.2.1	HR - Žerjavinec (HEP-OPS)	SI - Cirkovce (ELES)	220	297	R9	857									857			
371.1.1	HR - Ernestinovo (HEP-OPS)	RS - Sremska Mitrovica (EMS)	400	1264	R1	1483									1483			
391.1.1	MK - Skopje 1 (MEPSO)	RS - Kosovo A (EMS)	220	311	R9,R10	525600	44640	40320	44580	43200	44640	43200	44640	44640	43200	44700	43200	44640
391.2.1	MK - Skopje 1 (MEPSO)	RS - Kosovo A (EMS)	220	311	R9,R10	482400	44640	40320	44580	43200	44640	43200	44640	44640	43200	44700	43200	1440
401.1.1	DE - Herrenwyk (E.ON Netz)	SE - Kruseberg (Sydkraft/Vattenfall)	450	600	R1,R6,R7	7246			25	687	79				6455			
404.1.1	CZ - Nosovice (CEPS)	SK - Varin (SEPS)	400	1205	R2	29386				322				16615	12449			
410.1.1	CZ - Liskovec (CEPS)	SK - Pov. Bystrica (SEPS)	220	221	R1,R2,R6	18268	833			244			365		9694	6801	331	
420.1.1	CZ - Sokolnice (CEPS)	SK - Senica (SEPS)	220	213	R1,R2	11598				440						6284		4874
424.1.1	CZ - Sokolnice (CEPS)	SK - Krizovany (SEPS)	400	1205	R1,R2,R9	11339		119	937			6506					2043	1734
430.1.1	CZ - Sokolnice (CEPS)	SK - Stupava (SEPS)	400	1363	R1,R2	69598	155					8264	44639	6948		5452	4140	
440.1.1	UA_W - Mukachevo (NPC Ukrenergo)	SK - V.Kapusany (SEPS)	400	1186	R1	18177			11878	1059	5240							
443.1.1	CZ - Albrechtice (CEPS)	PL - Dobrzeń (PSE-Operator S.A.)	400	1088	R1,R7	9885	262					9456				167		
444.1.1	CZ - Nosovice (CEPS)	PL - Wielopole (PSE-Operator S.A.)	400	1088	R1	20633						20633						
450.1.1	CZ - Liskovec (CEPS)	PL - Kopanina (PSE-Operator S.A.)	220	399	R1	11303						10788					515	
460.1.1	CZ - Liskovec (CEPS)	PL - Bujaków (PSE-Operator S.A.)	220	399	R1	11487						10971					516	
501.1.1	DE - Vierraden (VE Transmission)	PL - Krajnik (PSE-Operator S.A.)	220	390	R1,R6	1087									1018	69		
501.1.2	DE - Vierraden (VE Transmission)	PL - Krajnik (PSE-Operator S.A.)	220	402	R1,R6	1133									1090	43		
502.1.1	DE - Hagenwerder (VE Transmission)	PL - Mikułowa (PSE-Operator S.A.)	380	1302	R1,R7	2136							1897	239				
502.1.2	DE - Hagenwerder (VE Transmission)	PL - Mikułowa (PSE-Operator S.A.)	380	1302	R1,R8	1948	101						1847					
601.1.1	ES - Puerto de la Cruz (REE)	MA - Melloussa 1 (ONE)	380	715	R1,R2,R10	35316					965		613	1541		27457		4740
601.1.2	ES - Puerto de la Cruz (REE)	MA - Melloussa 2 (ONE)	380	715	R1,R2	6066							613	726				4727
700.1.1	PL - Krosno Iskrzynia (PSE-Operator S.A.)	SK - Lemešany (SEPS)	400	1252	R1,R2	17869								16317		414	693	445
700.1.2	PL - Krosno Iskrzynia (PSE-Operator S.A.)	SK - Lemešany (SEPS)	400	1252	R1,R2,R10	18302	501							16315		413		1073
702.1.1	PL - Zamość (PSE-Operator S.A.)	UA - Dobrotvir (NPC Ukrenergo)	220	309	R9,R10	272		90									182	
704.1.1	PL - Słupsk (PSE-Operator S.A.)	SE - Stärnö (SvK)	450	600	R1,R2,R8,R9	12390						15	66		6450			5859
710.1.1	HU - Gyoer (MAVIR)	SK - Gabcikovo (SEPS)	400	1330	R2	5975								9	5966			
711.1.1	HU - Göd (MAVIR)	SK - Levice (SEPS)	400	1330	R1,R2	43216				36865						6351		
720.1.1	HU - Albertirsa (MAVIR)	UA_W - Zahidno Ukrainska (NPC Ukrenergo)	750	4010	R1,R9	53529				234	28490	21137		742	1781	1145		
721.1.1	HU - Sajószöged (MAVIR)	UA_W - Mukacevo (NPC Ukrenergo)	400	1390	R1	11268			6453				1065	3750				
722.1.1	HU - Kisvárda (MAVIR)	UA_W - Mukacevo (NPC Ukrenergo)	220	209	R1	12485						6235	6250					
722.1.2	HU - Tiszalök (MAVIR)	UA_W - Mukacevo (NPC Ukrenergo)	220	209	R1	10913						6267					4646	
730.1.1	HU - Sandorfalva (MAVIR)	RO - Arad (TRANSELECTRICA)	400	1135	R1	72768		13966	25379			8156	25267					
740.1.1	RO - Rosiori (TRANSELECTRICA)	UA_W - Mukacevo (NPC Ukrenergo)	400	1135	R1,R9	13764		481	1233		38	691				11321		
741.1.1	RO - Isaccea (TRANSELECTRICA)	UA_W - PivdennoUkrainska AES (NPC Ukrenergo)	750	4500	R1	250								250				
753.1.1	RO - Isaccea (TRANSELECTRICA)	MD - Vulcanesti (Moldenergo)	400	1043	R1	16508											16508	

Reasons: R1 - Maintenance, R2 - Repair, R3 - New construction, R4 - Overload (also calculated), R5 - False operation, R6 - Failure in prodection device or other element, R7 - Outside impacts (animals, trees, fire, avalance,...), R8 - Very exceptional conditions (weather, natural disaster,...), R9 - Other reasons, R10 - Unknown reasons

	Circuit length in km				Transformers 380/400kV⦶ 220kV	
					in the network	
Country	220 kV	of which cable	380 - 750 kV	of which cable	Number	Capacity GVA
AT [1]	3765	5	2474	56	13	4,0
BA	1507	0	766	0	7	3,0
BE	425	0	1325	0	6	n.a.
BG	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
CH	4845,3	22,7	1780,0	0	18	10,0
CZ	1909	0	3436	0	4	2,0
DE [6]	15900	30	19700	60	91	53,5
DK_W [5]	39	0	833	14	0	0,0
ES	16722	129	17172	55	101	54,0
FR	26322	905	21093	4	214	109,9
GR [7]	11376	232	4172	160	47	13,0
HR [3]	1145	0	1159	0	4	2,0
HU [4]	1188	0	2364	0	3	1,5
IT	11413	860	10618	466	55	23,2
LU	256,5	10,9	0	0	0	0,0
ME	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
MK [2]	70	0	397	0	0	0,0
NL [5]	683	6	2052	0,4	4	2,5
PL [10]	7919	0	5288	254	17	7,7
PT	3158	19	1588	0	8	3,6
RO [11]	4129	0	4781	0	22	9,0
RS	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
SI	328	0	508	0	3	1,2
SK	962	0	1752	0	3	1,4
UCTE [8]	**114061,8**	**2219,6**	**103258,0**	**1069,4**	**620**	**301,5**
UA_W	594	0	590 [9]	0 [9]	6 [9]	2,3 [9]

[1] Values as of 31 December 2000
[2] Values as of 31 December 2003
[3] Values as of 31 December 2004
[4] Values as of 31 December 2005
[5] Values as of 31 December 2006
[6] Values transformers of power units as of 31 December 2005
[7] The 220 kV network correspond to 150 kV Greek network
[8] Except Bulgaria, Montenegro and Serbia
[9] Including 330 kV and 750 kV equipment
[10] Including 114 km circuit lenghts 750 kV
[11] Including 155 km circuit lenghts 750 kV

	Transformers 220kV ⋇< 220kV				Transformers 380/400kV ⋇< 220kV			
	of power units		in the network		of power units		in the network	
Country	Number	Capacity GVA	Number	Capacity GVA	Number	Capacity GVA	Number	Capacity GVA
AT [1]	64	7,0	67	12,0	17	11,0	3	1,2
BA	15	2,0	15	2,0	3	1,0	7	2,0
BE	n.a.	n.a.	25	n.a.	n.a.	n.a.	27	n.a.
BG	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
CH	104	4,5	143	21,3	8	4,3	3	0,6
CZ	5	0,9	20	4,0	33	9,2	43	12,1
DE [6]	111	31,0	394	74,4	100	62,0	211	60,3
DK_W [5]	0	0,0	2	0,7	4	1,6	20	6,5
ES	n.a.	n.a.	1	0,1	n.a.	n.a.	15	5,0
FR	229	29,2	797	83,7	103	86,4	58	13,8
GR [7]	94	8,0	435	18,0	18	6,0	0	0,0
HR [3]	7	1,3	21	3,2	2	0,3	7	2,4
HU [4]	0	0,0	26	4,2	0	0,0	24	6,0
IT	112	23,0	158	27,2	121	37,9	218	56,3
LU	11	1,8	21	2,8	0	0,0	0	0,0
ME	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
MK [2]	0	0,0	4	0,6	2	0,5	7	2,1
NL [5]	9	3,2	26	4,4	6	3,6	39	18,1
PL [10]	56	13,6	126	20,0	27	9,5	35	9,4
PT	64	4,2	71	8,9	19	4,4	20	5,4
RO [11]	0	0,0	87	17,7	0	0,0	22	5,5
RS	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
SI	0	0,0	15	1,5	0	0,0	6	1,8
SK	4	0,8	12	2,4	18	3,9	23	6,4
UCTE [8]	**885**	**130,4**	**2466**	**309,1**	**481**	**241,6**	**788**	**214,9**
UA_W	7	1,8	13	1,9	5 [9]	1,3 [9]	1 [9]	1,0 [9]

	AT	BA	BE	BG	CH	CZ	DE	DK W	ES	FR	GR	HR	HU	IT	LU	ME	MK	NL	PL	PT	RO	RS	SI	SK	UA W
AT					-	-	19							-									-		
					2	2	11						2	1									1		
					2	1	3						1	-									2		
BA												11				3						3			
												7				2						1			
												2				1						1			
BE										-					2			-							
										2					2			-							
										3					-			4							
BG											-						2				-	2			
											-						-				1	-			
											1						-				4	1			
CH							2			1				1											
							5			5				5											
							7			5				4											
CZ							-												-					5	
							-												2					2	
							4												2					3	
DE								1		-					-			-	-						
								2		2					8			-	2						
								2		4					-			6	2						
ES										2										1					
										2										3					
										2										4					
FR														-											
														3											
														3											
GR														-			1								
														-			-								
														1			2								
HR													2									2	3		
													-									-	2		
													2									1	3		
HU																					-	1		-	-
																					-	-		-	2
																					1	1		2	2
IT																							-		
																							1		
																							1		
ME																						1			
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																						1			
PL																								-	
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																								2	
RO																						3			-
																						-			-
																						1			2
SK																								-	
																								-	
																								1	

<220 kV
220 kV
380/400 kV

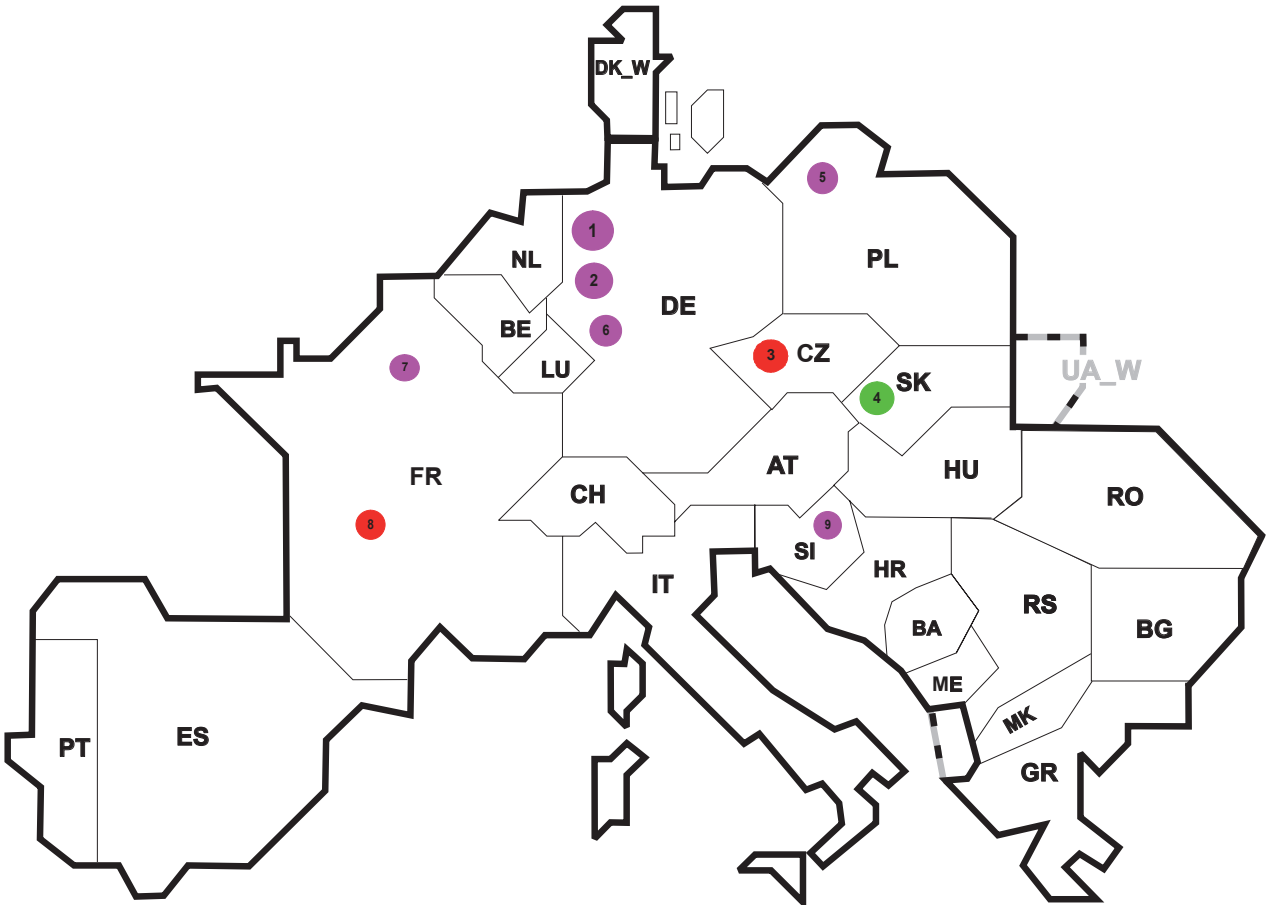
As of 31.12.2007

Country	Name of line or equipment	Voltage in kV	Main characteristics
BE	Moncau - Thyle - Château	150	Single circuit , ca.21 km, AC cable
	Keerken - Lokeren - Vijgenstraat	150	Single circuit, ca.1,5 km , AC line
	Trivière - Villesur - Haine	150	Double circuit upgrade, 5 km, AC line
	Gouy	150/10	40 MVA transformator
	Monceau	220/150	400 MVA transformator; The double circuit upgrade from 150 kV to 220 kV of the line Jamiolle-Monceau (commissioned in January 2006) together with the installation of a phase shifter in Monceau increases the simultaneous import capacity of Belgium. Consequently , the NTC-value from France to Belgium will increase by 300 MW for a reference grid situation in summer (indicative non-binding figures).
	Slijkens	150/11	50 MVA transformator
	Romsée	220/15	50 MVA transformator
	Mol	150/15	50 MVA transformator
DE	Transformer Wustermark	380/220	400 MVA
FR	Chaffard - Grande Ile 1&2	400	
	Montagny-les-Lanches	400	New substation
	Lagafière	225	New substation
	Richier	225	New substation
	Savigny	225	New substation
	Suisse	225	New substation
	Terres-Noires	225	New substation
	Trith-Saint-Léger	225	New substation
	6 New substations in RTE network	63	New substations
	203 km of new /refurbished circuits	400	203 km of new/refurbished circuits (combined with 93 km of removed installations and various modifications) including: - As part of the work to strengthen the electrical connection between Lyon and Chambéry, the overhead lines at 400 kV Le Chaffard - Grande Ile 1&2; - The 400 kV line St.Avold-vigy, first section of the new double circuit line between Marlenheim (near to Strasbourg) and Vigy (near to Metz).
	90 km of new /refurbished circuits	225	90 km of new/refurbished (combined with 128 km of removed installations and various modifications) incl.: The overhead interconnection line Chooz-Monceau in replacement of the ancient line Chooz-Jamiolle, after the commissioning of a phase-shifting transformer in BE at the substation of Monceau in order to facilitate the exchange of electrical energy between FR and BE

T12 Main grid developments

Country	Name of line or equipment	Voltage in kV	Main characteristics
GR	OHL 150KV S/S Meliti - Bitola	150	Upgrade to 400 kV
	OHL 150 kV S/S Dedymotiho - Hamatibat	150	New tie-line for temporary connection of a power plant in Turkey on island operation
IT	Matera - S.Sofia	380	Single line 220,3 km
	Leyni - AcreaElectrabel	380	Single line 6,1 km
	Colunga - Bussolengo	220	Single line 151,7 km
	Colunga - Benedetto Berceto	220	Single line 28,8 km
	Benedetto Berceto - Caselina	220	Single line 61,3 km
	150/132 kV lines	150/132	A total of 159,9 km
	Capacitor banks in HV substations	n.a.	760 MVAr, were installed in HV substations
	New transformers	n.a.	Total installeted capacity 3730 MVA
MK	Bitola - Meliti	400	Interconnection capacity between FYROM and Greece (MEPSO and HTSO)
PT	Batalha-Pego	400	New 400 kV line, 65,9 km long; Facilitates flows along Tejo axis where there exists a 400 kV interconnection between Falagueira (Portugal) and Cedillo (Spain)
	Recarei - Paraimo and Paraimo - Batalha	400	Opening of Recarei-Batalha 400 kV line at Paraimo new substation (85,3 km plus 101,5 km minus 186,8 km) This reinforcement is associated with the following one.
	Bodiosa sustation autotransformation	400/220	New 400/220 kV with 450 MVA, autotransformation; Closing of a new axis between Douro river areand the coast. Facilitates flows through Douro International 220 kV interconnections. These reinforcements are associated with the previous one.
	Bodiosa - Paraimo	400	New 400 kV line, temporarily used at 220 kV, 60, km
	Alqueva-Ferreira - Alentejo	400	64,1 km
	Alqueva - Brovales	400	39,9 km (just to border)
	Central Alqueva - Alqueva	400	1,2 km Construction of new Alqueva substation nearby Alquevapower plant, eliminating the previous 'T' connection of this power plant. Improves Alqueva-Brovales interconnection reliability.
	Castelo Branco substation	220/150	New 220/150 kV line, capacity 250 MVA, autotransformer. Closing of a new axis in interior facilitating flows from Douro International and Tejo areas. Facilitates flows through Douro International 220 kV interconnections.

Country	Name of line or equipment	Voltage in kV	Main characteristics
SI	Substation Okroglo	400/110	New transformer with installed capacity 300 MVA
SK	Substation Krizovany	400/110	New transformer installed in October 2007; capacity 350 MVA; choke coils with totally 2x45 MVAr;
	Substation Lemesany	400/110	New transformer installed in December 2007; capacity 350 MVA; new choke coils with totally 2x45 MVAr;

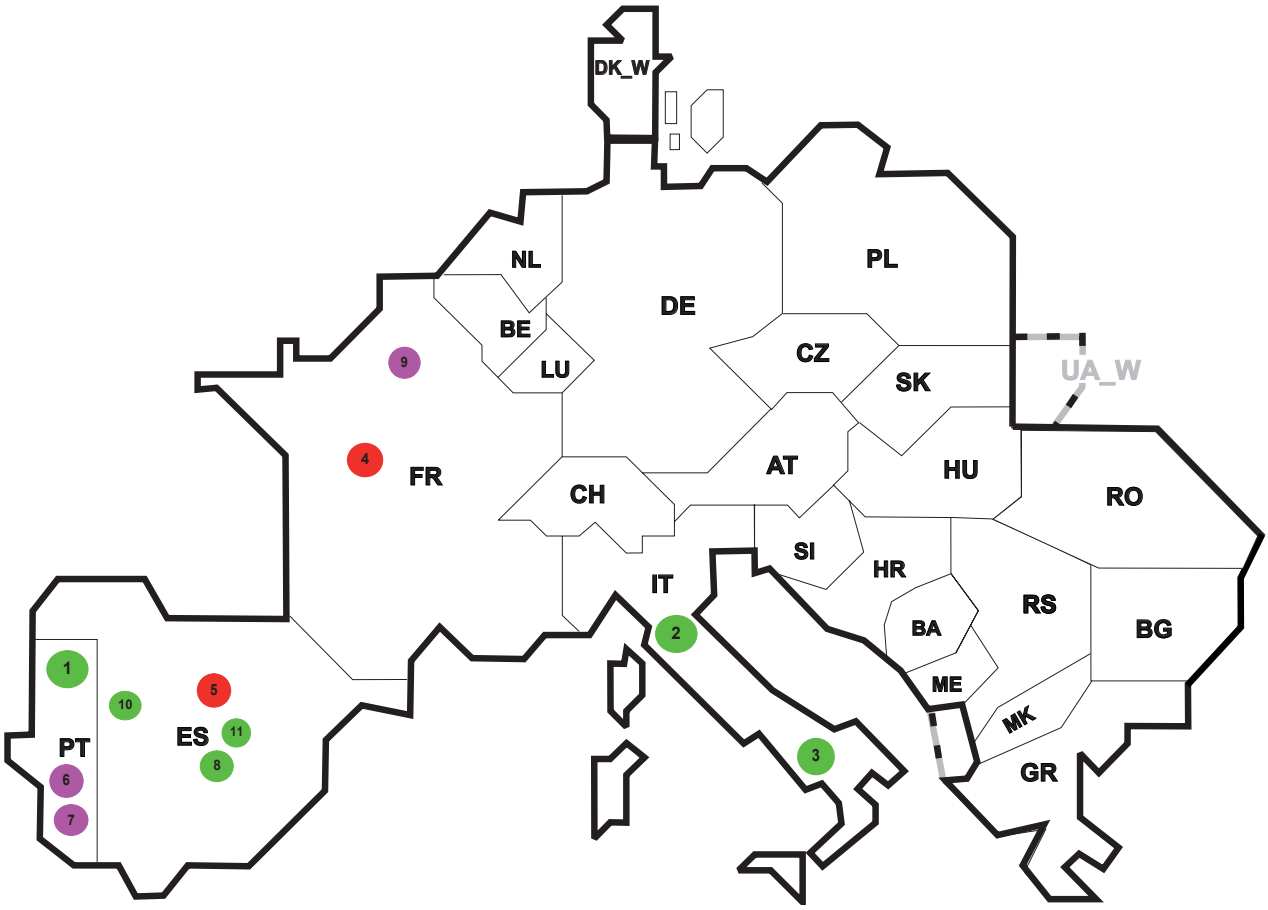


Reasons:

R4	Overload (also calculated break)	R8	Very exceptional conditions (weather, natural disaster, ...)
R5	False operation		
R6	Failure in protection device or other element	R9	Other reasons
R7	Outside impacts (animals, trees, fire, avalances,...)	R10	Unknown reasons

Nbr	Country	Substation	Reason	Energy not supplied [MWh]	Total loss of power [MW]	Restoration time [min]	Equivalent time of interruption[1]
1	DE	Hanekenfähr	R9	6456	1300	298	6,07
2	DE	Gersteinwerk	R10	1082	580	112	1,02
3	CZ	Nosovice	R6	28	372	5	0,24
4	SK	Krizovany	R7	9	188	3	0,17
5	PL	Morzyczyn	R10	26	12	130	0,10
6	DE	Frimmersdorf	R9	37	130	17	0,03
7	FR	Buttes Chaumont	R9	6	30	12	0,01
8	FR	Port Jerome	R5	4	4	52	0,00
9	SI	Bericevo	R10	0	0	111	0,00

[1] (year [in min] * energy not supplied) / consumption last 12 months

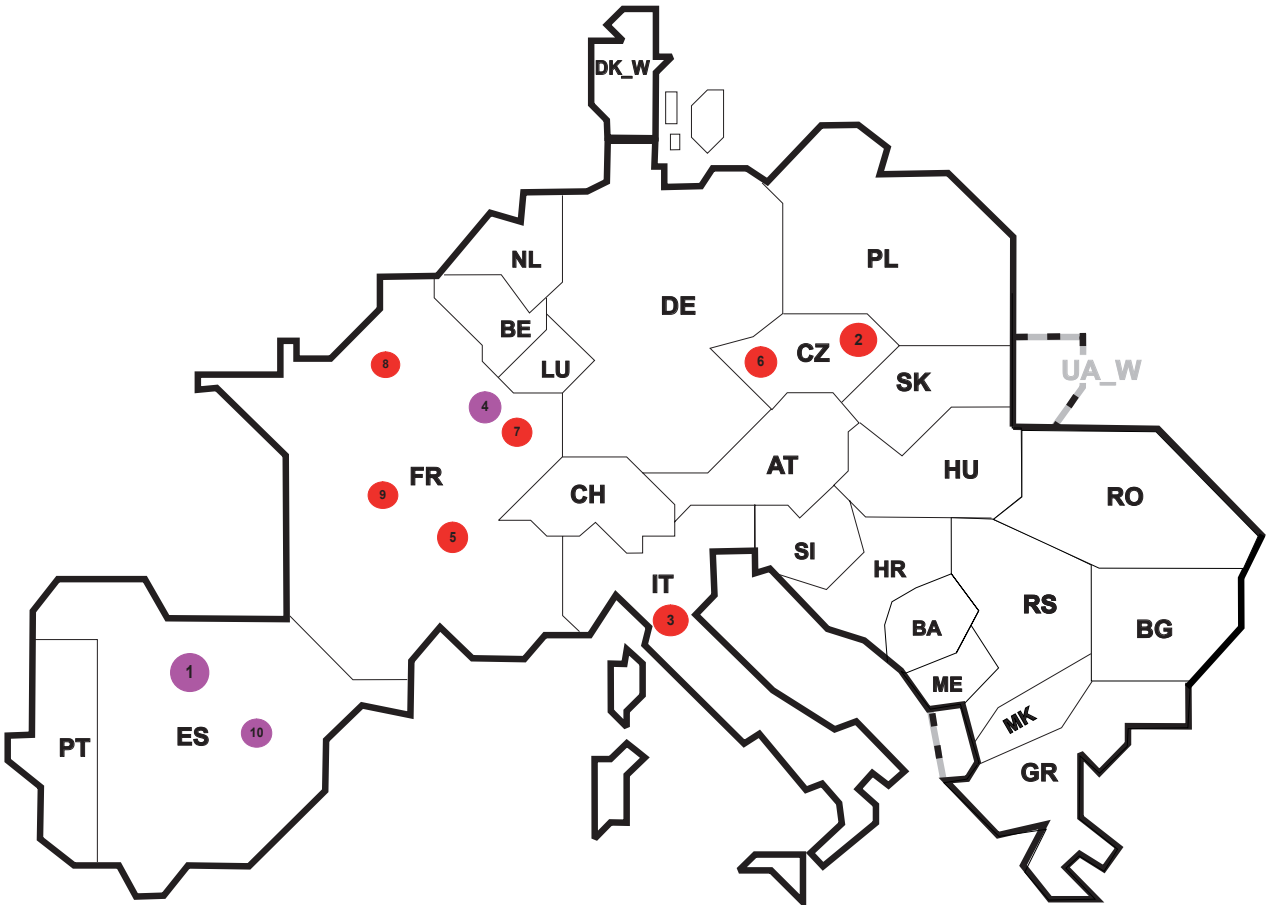


Reasons:

R4	Overload (also calculated break)	R8	Very exceptional conditions (weather, natural disaster, ...)
R5	False operation		
R6	Failure in protection device or other element	R9	Other reasons
R7	Outside impacts (animals, trees, fire, avalances,...)	R10	Unknown reasons

Nbr	Country	Substation	Reason	Energy not supplied [MWh]	Total loss of power [MW]	Restoration time [min]	Equivalent time of interruption[1]
1	PT	Torro	R7	9	0	6	0,09
2	IT	Suvereto	R8	55	200	18	0,09
3	IT	Maddaloni	R8	37	17	130	0,06
4	FR	Eguzon	R6	19	18	129	0,02
5	ES	Sanchinarro	R5	5	0	10	0,01
6	PT	Paramo	R10	1	0	2	0,01
7	PT	Mogadouro	R10	0	0	4	0,01
8	ES	Majadahonda	R8	2	0	14	0,00
9	FR	Fallou	R10	2	50	6	0,00
10	ES	Caceres	R8	1	0	8	0,00
11	ES	Aena	R7	1	0	2	0,00

[1] (year [in min] * energy not supplied) / consumption last 12 months

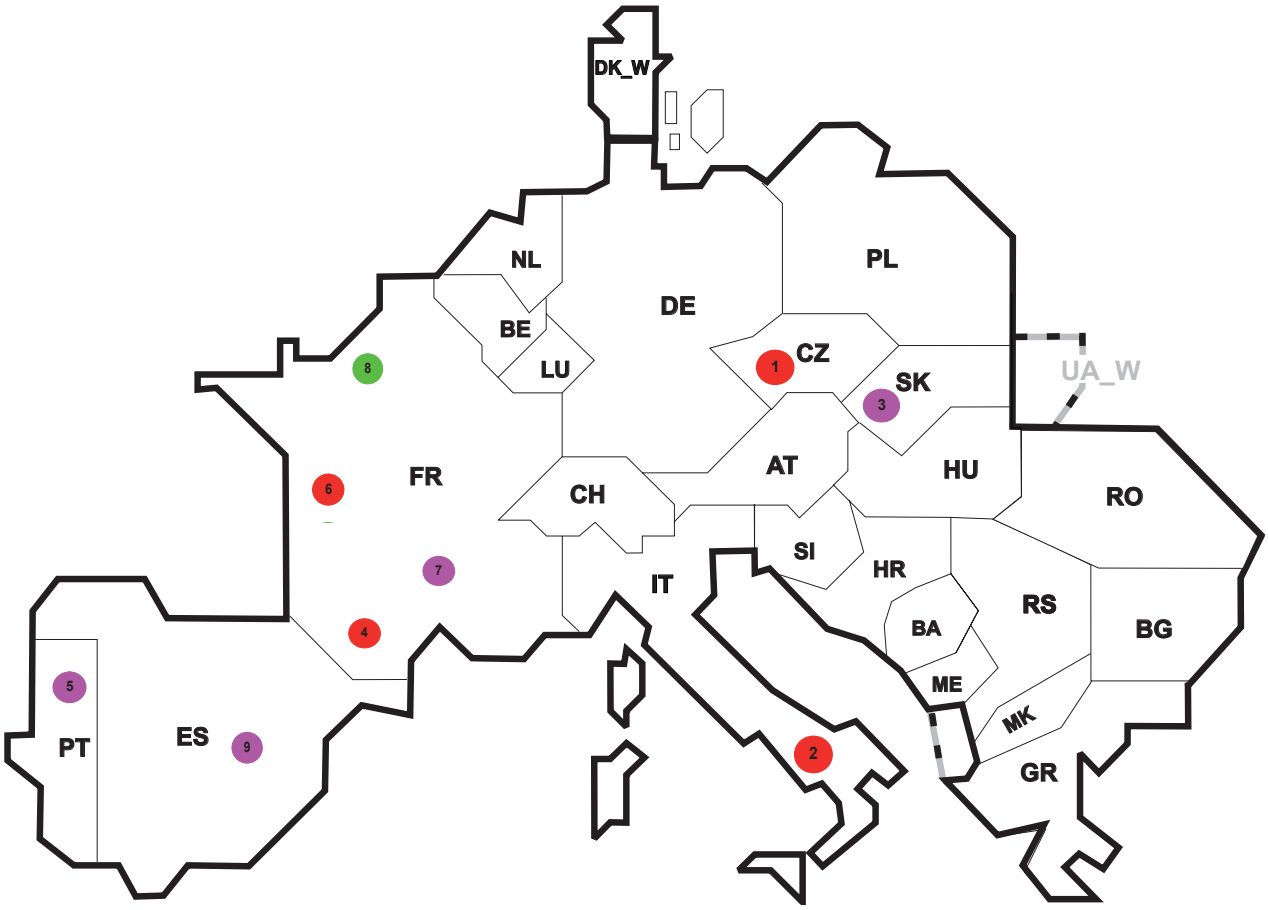


Reasons:

R4	Overload (also calculated break)	R8	Very exceptional conditions (weather, natural disaster, ...)
R5	False operation		
R6	Failure in protection device or other element	R9	Other reasons
R7	Outside impacts (animals, trees, fire, avalances,...)	R10	Unknown reasons

Nbr	Country	Substation	Reason	Energy not supplied [MWh]	Total loss of power [MW]	Restoration time [min]	Equivalent time of interruption[1]
1	ES	Magallon	R10	900	0	2	1,81
2	CZ	Krasikov	R6	21	160	8	0,18
3	IT	Marcaria	R6	105	10	636	0,16
4	FR	St.Avold	R9	123	143	56	0,14
5	FR	Allinges	R6	117	79	90	0,13
6	CZ	Cechy Stred	R5	10	35	17	0,08
7	FR	Halles	R5	10	111	8	0,01
8	FR	Nanterre	R6	6	100	7	0,01
9	FR	Loges	R6	5	15	20	0,01
10	ES	Oncala	R10	0	900	12	0,00

[1] (year [in min] * energy not supplied) / consumption last 12 months

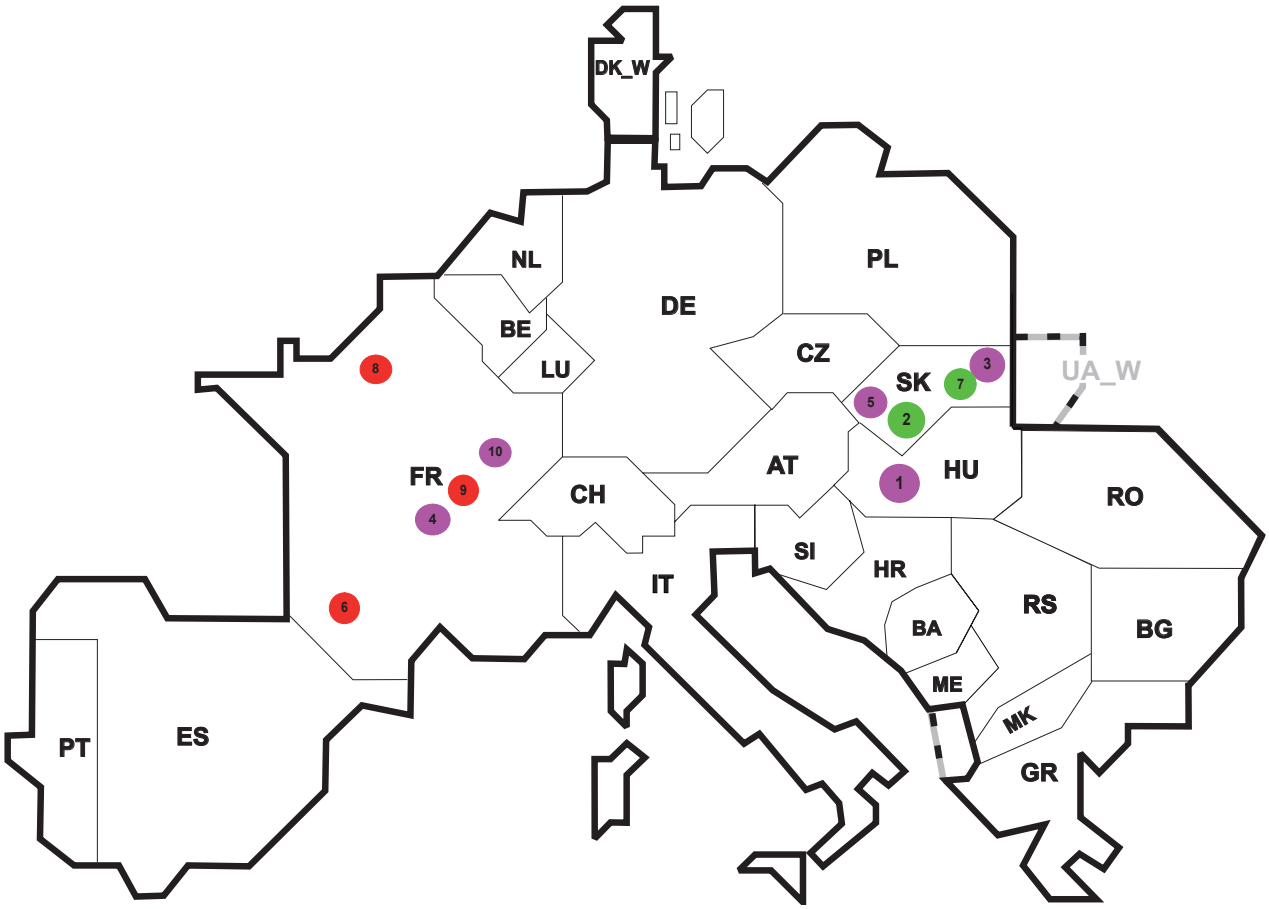


Reasons:

R4	Overload (also calculated break)	R8	Very exceptional conditions (weather, natural disaster, ...)
R5	False operation		
R6	Failure in protection device or other element	R9	Other reasons
R7	Outside impacts (animals, trees, fire, avalances,...)	R10	Unknown reasons

Nbr	Country	Substation	Reason	Energy not supplied [MWh]	Total loss of power [MW]	Restoration time [min]	Equivalent time of interruption[1]
1	CZ	Bezdecin	R6	68	150	27	0,56
2	IT	Maddaloni	R6	309	23	1026	0,48
3	SK	Sp. N. Ves	R9	5	95	3	0,09
4	FR	Issel	R6	54	58	55	0,06
5	PT	Subestao do Ferro	R9	2	0	3	0,02
6	FR	Montguyon	R6	18	33	33	0,02
7	FR	Givors	R9	9	21	25	0,01
8	FR	Mezerolles	R8	4	44	6	0,005
9	ES	La Plana	R10	1	0	3	0,001

[1] (year [in min] * energy not supplied) / consumption last 12 months

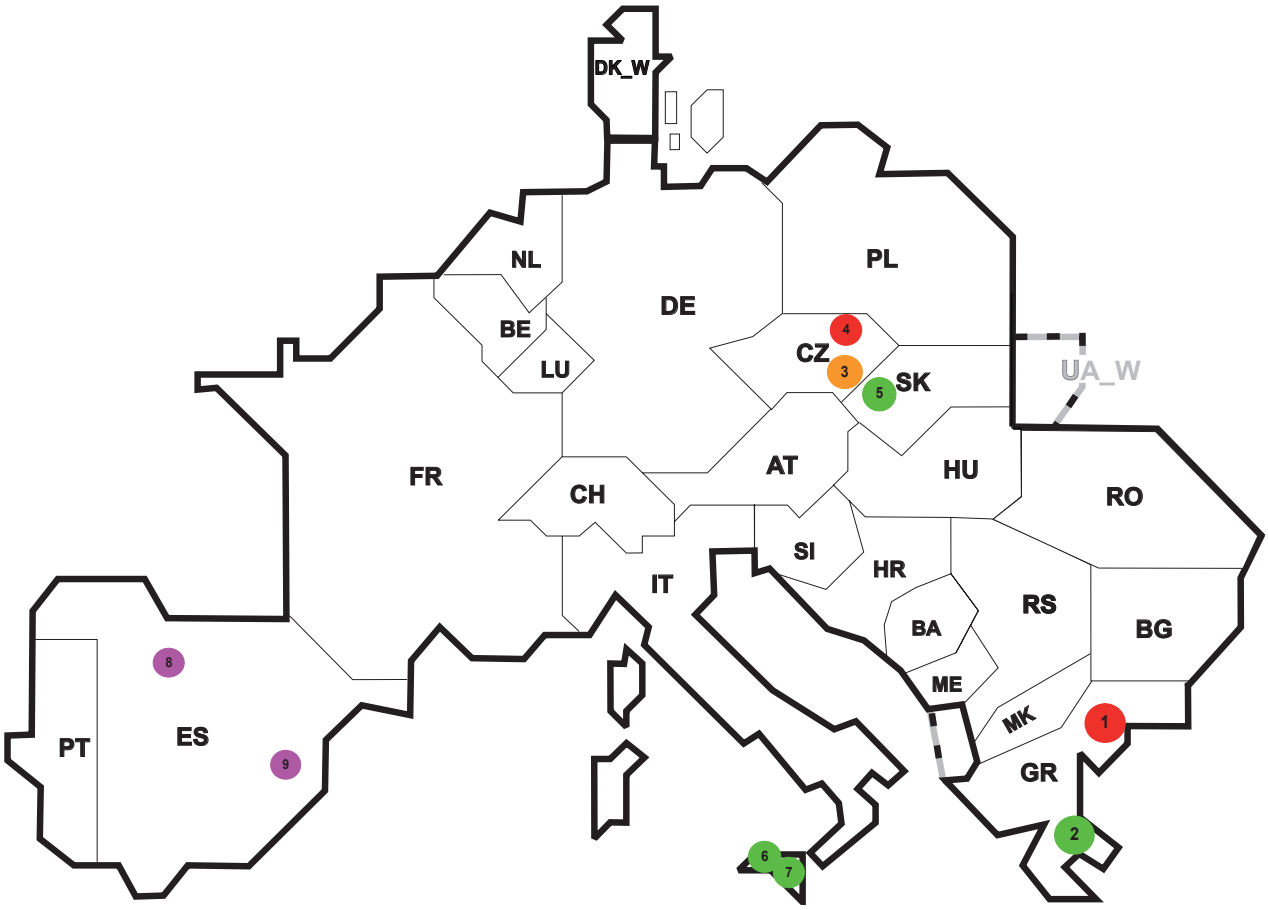


Reasons:

R4	Overload (also calculated break)	R8	Very exceptional conditions (weather, natural disaster, ...)
R5	False operation		
R6	Failure in protection device or other element	R9	Other reasons
R7	Outside impacts (animals, trees, fire, avalances,...)	R10	Unknown reasons

Nbr	Country	Substation	Reason	Energy not supplied [MWh]	Total loss of power [MW]	Restoration time [min]	Equivalent time of interruption[1]
1	HU	Sajszged	R9	145	220	39	1,88
2	SK	Sucany	R7	42	86	29	0,81
3	SK	Varin	R9	22	30	43	0,43
4	FR	Grosne	R10	199	62	194	0,22
5	SK	Moldava	R9	6	87	4	0,11
6	FR	Colayac	R5	94	141	40	0,11
7	SK	Sp. N. Ves	R7	4	20	13	0,08
8	FR	La Corbiere	R6	57	37	92	0,06
9	FR	Commerveil	R5	13	70	11	0,01
10	FR	Guengnon	R10	10	73	8	0,01

[1] (year [in min] * energy not supplied) / consumption last 12 months

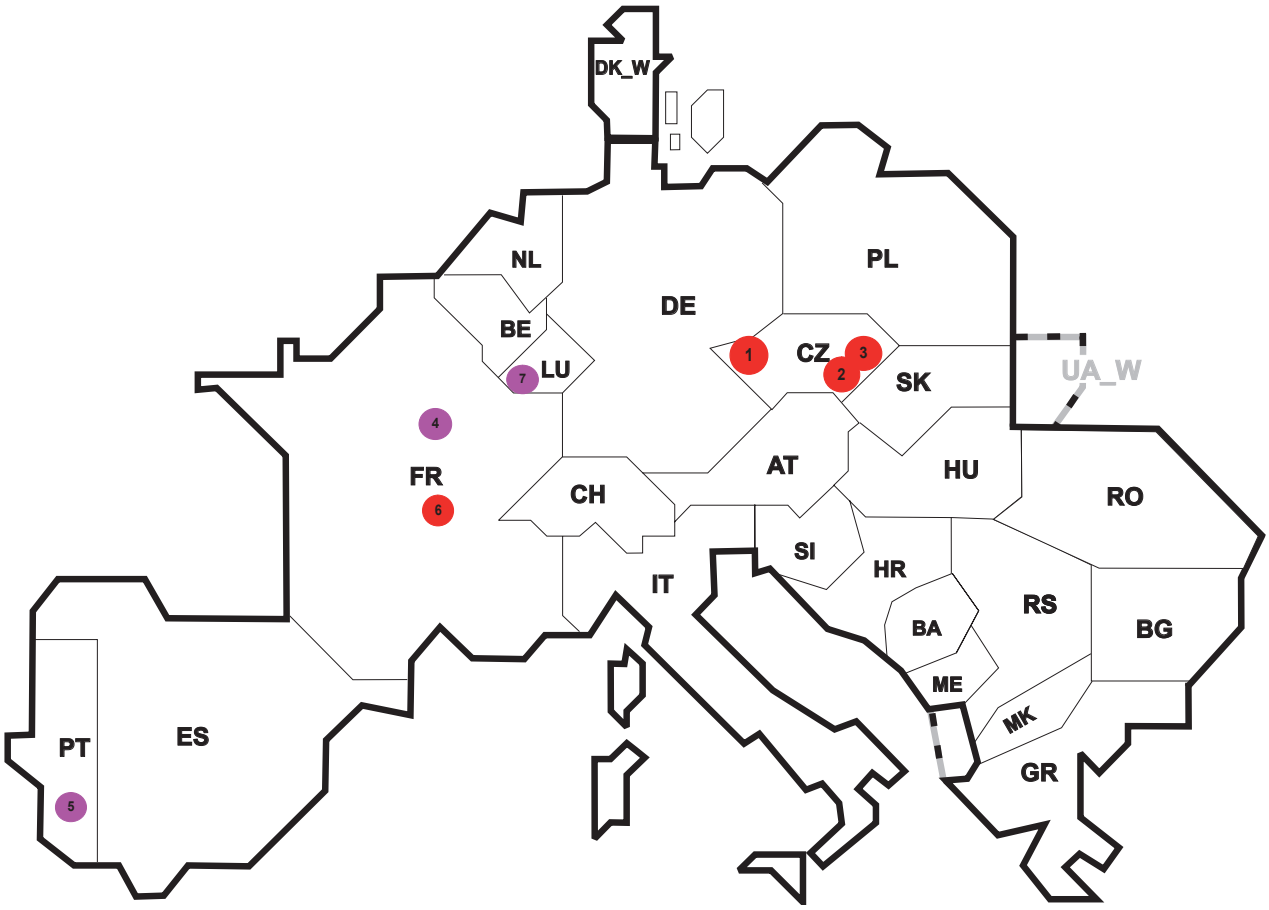


Reasons:

R4	Overload (also calculated break)	R8	Very exceptional conditions (weather, natural disaster, ...)
R5	False operation		
R6	Failure in protection device or other element	R9	Other reasons
R7	Outside impacts (animals, trees, fire, avalances,...)	R10	Unknown reasons

Nbr	Country	Substation	Reason	Energy not supplied [MWh]	Total loss of power [MW]	Restoration time [min]	Equivalent time of interruption[1]
1	GR	Thessaloniki	R6	750	830	30	7,25
2	GR	Koumoundourou	R7	512	980	15	4,95
3	CZ	Tynec	R4	240	32	8	2,00
4	CZ	Krasikov	R6	130	217	10	1,08
5	SK	Sucany	R7	40	84	29	0,79
6	IT	Partinico	R7	385	360	65	0,60
7	IT	Caracoli	R7	359	230	96	0,56
8	ES	Mudarra	R10	1	0	70	0,002
9	ES	San Agustin	R10	1	0	75	0,002

[1] (year [in min] * energy not supplied) / consumption last 12 months

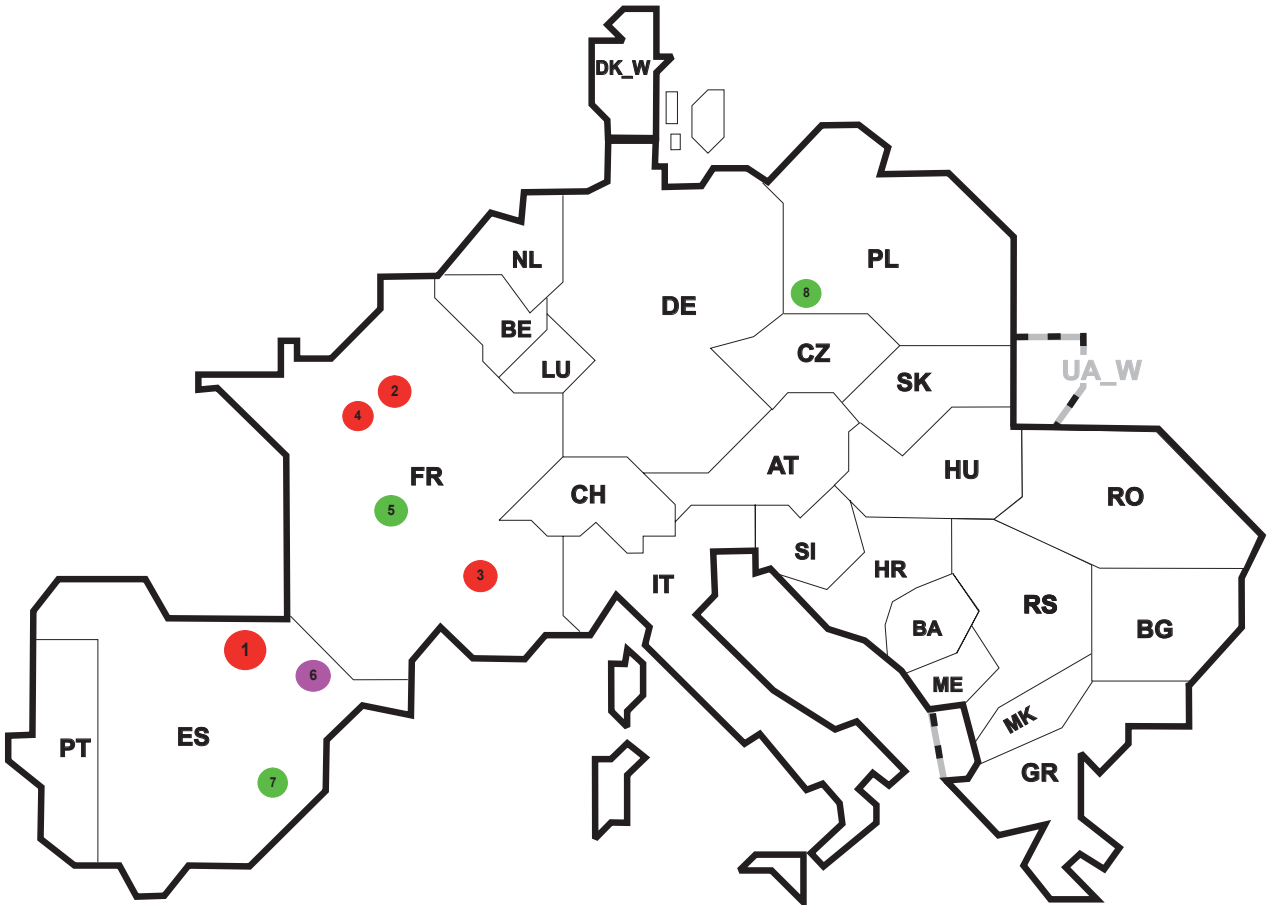


Reasons:

R4	Overload (also calculated break)	R8	Very exceptional conditions (weather, natural disaster, ...)
R5	False operation		
R6	Failure in protection device or other element	R9	Other reasons
R7	Outside impacts (animals, trees, fire, avalances,...)	R10	Unknown reasons

Nbr	Country	Substation	Reason	Energy not supplied [MWh]	Total loss of power [MW]	Restoration time [min]	Equivalent time of interruption[1]
1	CZ	Cechy Stred	R6	230	1342	35	1,91
2	CZ	Sokolnice	R6	80	8	6	0,66
3	CZ	Slavetice	R6	43	29	4	0,36
4	FR	Les Arpents	R10	64	42	92	0,07
5	PT	Custoias	R9	6	0	4	0,06
6	FR	Ampere	R6	21	31	40	0,02
7	LU	Roost	R10	0	29	2	0,02

[1] (year [in min] * energy not supplied) / consumption last 12 months

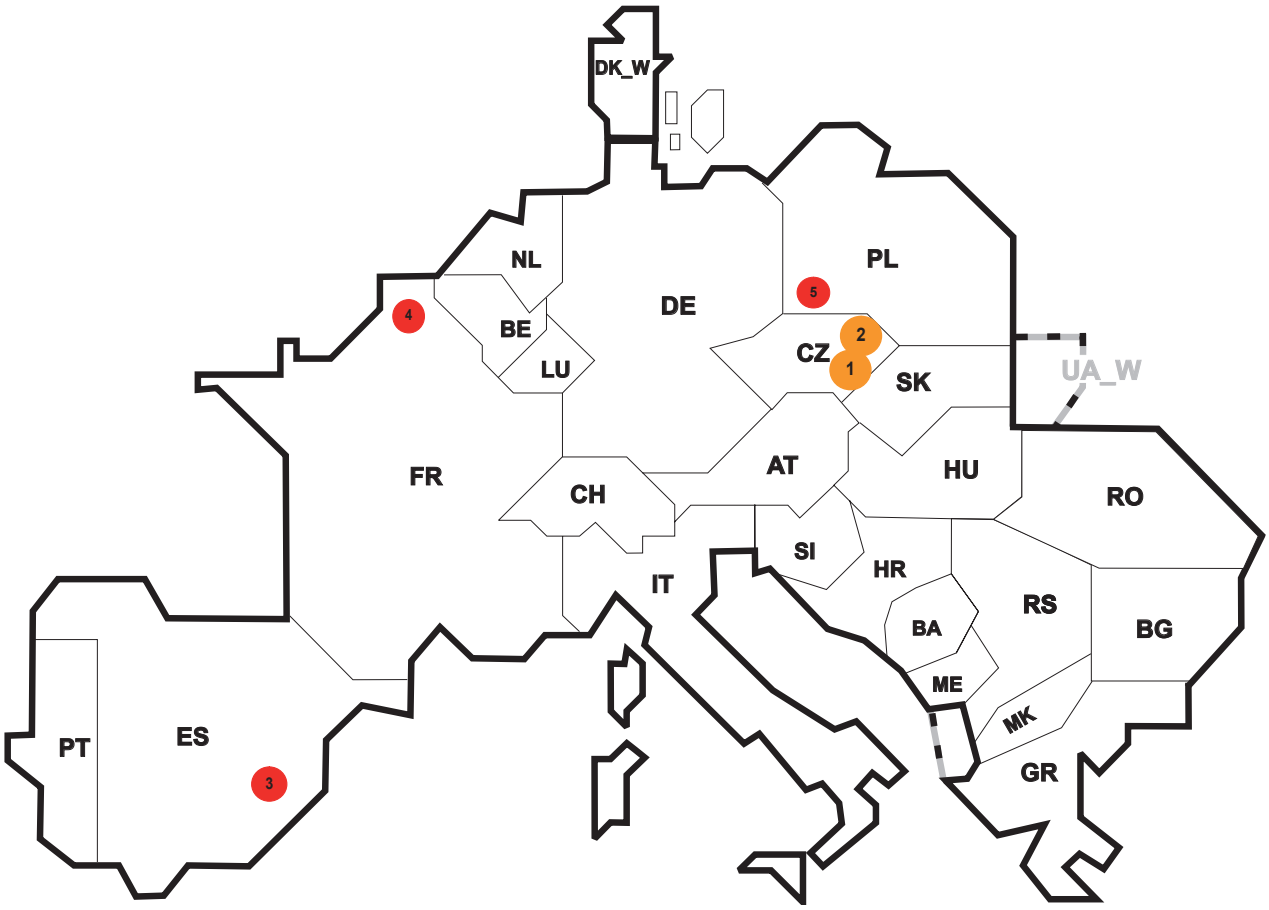


Reasons:

R4	Overload (also calculated break)	R8	Very exceptional conditions (weather, natural disaster, ...)
R5	False operation		
R6	Failure in protection device or other element	R9	Other reasons
R7	Outside impacts (animals, trees, fire, avalances,...)	R10	Unknown reasons

Nbr	Country	Substation	Reason	Energy not supplied [MWh]	Total loss of power [MW]	Restoration time [min]	Equivalent time of interruption[1]
1	ES	Vitoria	R6	21	0	12	0,04
2	FR	Villejust	R6	20	62	20	0,02
3	FR	Pariset	R6	9	42	13	0,01
4	FR	Cergy	R6	2	23	4	0,002
5	FR	Malintrat	R7	2	3	30	0,002
6	ES	Cinca	R10	1	0	8	0,002
7	ES	San Agustin	R8	1	0	12	0,002
8	PL	Mikulowa	R7	0	668	244	0,000

[1] (year [in min] * energy not supplied) / consumption last 12 months

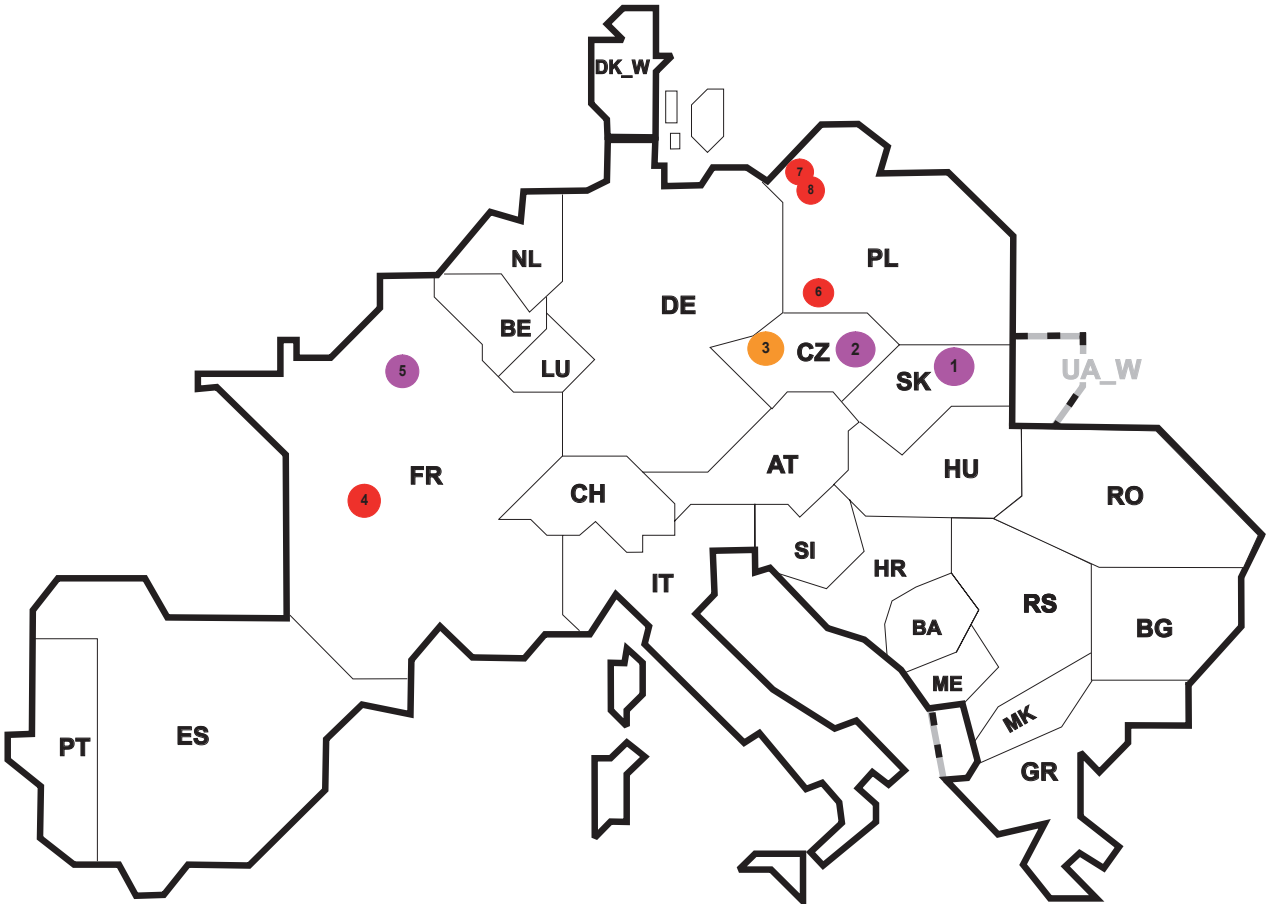


Reasons:

R4	Overload (also calculated break)	R8	Very exceptional conditions (weather, natural disaster, ...)
R5	False operation		
R6	Failure in protection device or other element	R9	Other reasons
R7	Outside impacts (animals, trees, fire, avalances,...)	R10	Unknown reasons

Nbr	Country	Substation	Reason	Energy not supplied [MWh]	Total loss of power [MW]	Restoration time [min]	Equivalent time of interruption[1]
1	CZ	Otrokovice	R4	289	29	6	2,39
2	CZ	Cebin	R4	105	9	5	0,87
3	ES	Hospitalet	R5	16	0	15	0,03
4	FR	Vendin	R5	4	41	6	0,004
5	PL	Mikulowa	R5	0	246	19	0,00

[1] (year [in min] * energy not supplied) / consumption last 12 months

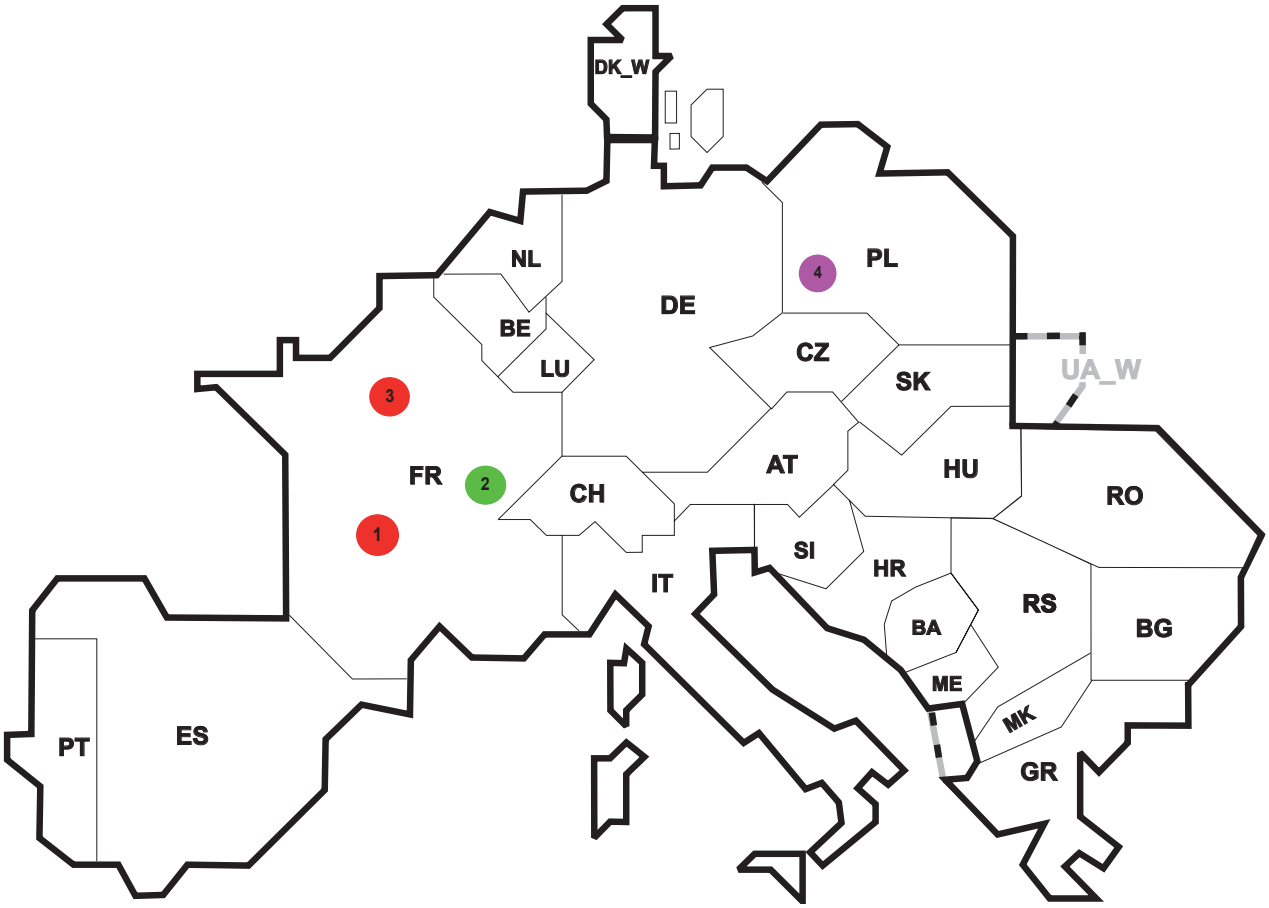


Reasons:

R4	Overload (also calculated break)	R8	Very exceptional conditions (weather, natural disaster, ...)
R5	False operation		
R6	Failure in protection device or other element	R9	Other reasons
R7	Outside impacts (animals, trees, fire, avalances,...)	R10	Unknown reasons

Nbr	Country	Substation	Reason	Energy not supplied [MWh]	Total loss of power [MW]	Restoration time [min]	Equivalent time of interruption[1]
1	SK	Sucany	R9	25	135	11	0,48
2	CZ	Otrokovice	R9	21	206	6	0,17
3	CZ	Chotejovice	R4	3	17	10	0,02
4	FR	Marmagne	R6	11	28	23	0,01
5	FR	Buttes Chaumont	R9	4	46	5	0,004
6	PL	Patnow	R5	0	302	78	0,00
7	PL	Krajnik	R6	0	150	50	0,00
8	PL	Krajnik	R6	0	113	43	0,00

[1] (year [in min] * energy not supplied) / consumption last 12 months

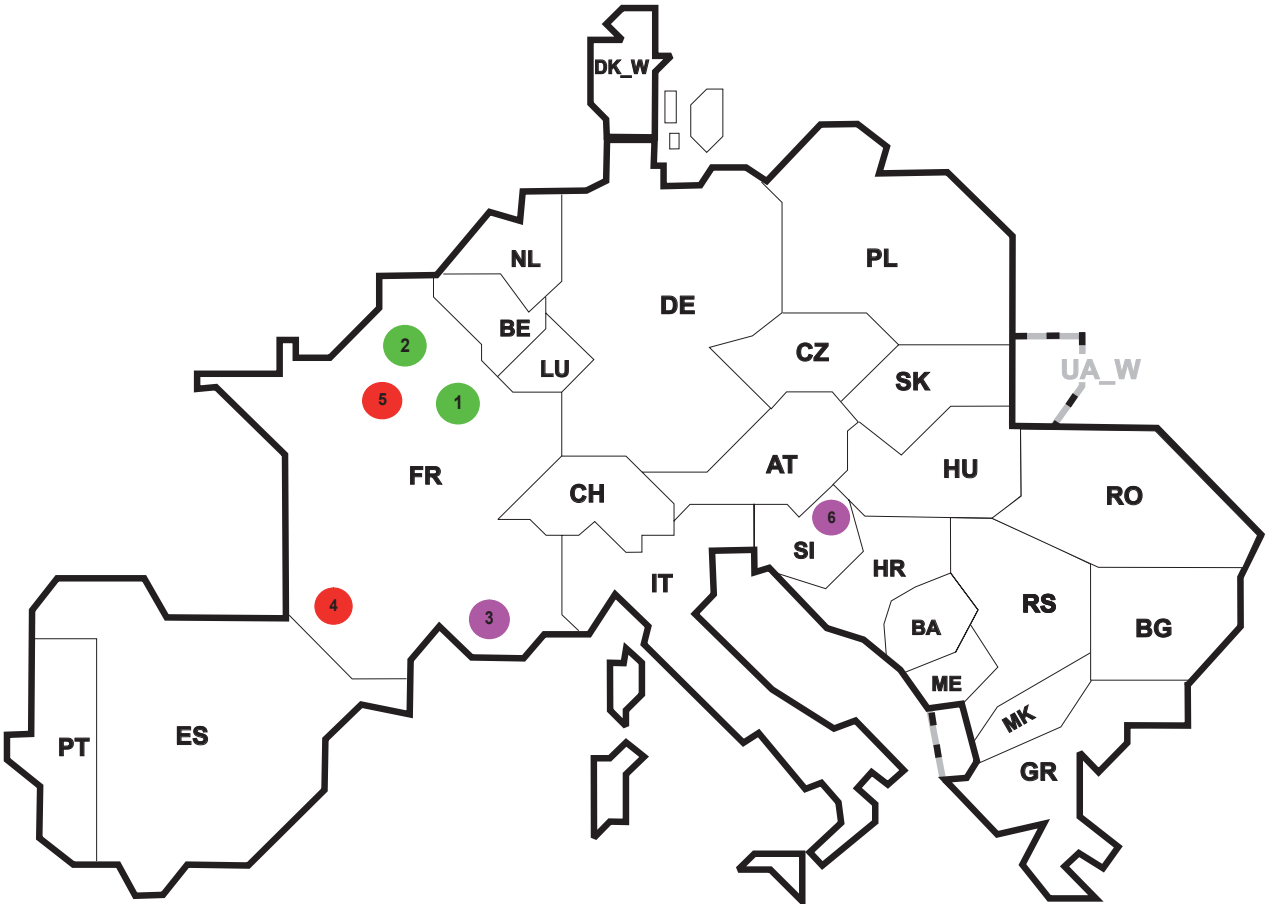


Reasons:

R4	Overload (also calculated break)	R8	Very exceptional conditions (weather, natural disaster, ...)
R5	False operation		
R6	Failure in protection device or other element	R9	Other reasons
R7	Outside impacts (animals, trees, fire, avalances,...)	R10	Unknown reasons

Nbr	Country	Substation	Reason	Energy not supplied [MWh]	Total loss of power [MW]	Restoration time [min]	Equivalent time of interruption[1]
1	FR	Grezillac	R6	10	16	37	0,01
2	FR	Riddes	R8	6	12	32	0,01
3	FR	Carrieres	R5	2	25	4	0,002
4	PL	Patnow	R9	0	362	1	0,00

[1] (year [in min] * energy not supplied) / consumption last 12 months



Reasons:

R4	Overload (also calculated break)	R8	Very exceptional conditions (weather, natural disaster, ...)
R5	False operation		
R6	Failure in protection device or other element	R9	Other reasons
R7	Outside impacts (animals, trees, fire, avalances,...)	R10	Unknown reasons

Nbr	Country	Substation	Reason	Energy not supplied [MWh]	Total loss of power [MW]	Restoration time [min]	Equivalent time of interruption[1]
1	FR	Mambelin	R8	26	3	516	0,03
2	FR	Bonnieres	R7	13	59	13	0,01
3	FR	Aubette	R9	11	36	19	0,01
4	FR	Verlhaguet	R6	3	7	30	0,00
5	FR	Cergy	R6	2	46	3	0,00
6	SI	Bericevo	R10	0	0	241	0,00

[1] (year [in min] * energy not supplied) / consumption last 12 months

Country	Inventory									
	Conventional thermal units								Nuclear thermal units	
	10 MW ≤ x < 200 MW		200 MW ≤ x < 400 MW		≥ 400 MW		Total		Total	
	Number	MW	Number	MW	Number	MW	Number	MW	Number	MW
AT [3]	57	2941	9	2796	0	0	66	5737	0	0
BA	9	512	6	1445	0	0	15	1957	0	0
BE [1]	71	3080	12	3566	3	1380	86	8026	7	5825
BG	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
CH	19	321	0	0	0	0	19	321	5	3220
CZ	171	9659	0	0	1	460	172	10119	6	3537
DE [2]	403	23572	66	20178	47	27749	516	71499	17	20300
DK_W [6]	31	899	8	2776	1	626	40	4301	0	0
ES	676	19327	60	21078	24	14410	760	54815	8	7465
FR	346	7818	21	5178	16	9640	383	22636	59	63260
GR	25	2547	19	5502	0	0	44	8049	0	0
HR [4]	24	1137	2	508	0	0	26	1645	0	0
HU [5]	54	2552	14	2918	0	0	68	5470	4	1755
IT	1464	18749	88	28652	33	20898	1585	68299	0	0
LU	0	0	1	385	0	0	1	385	0	0
ME	1	190	0	0	0	0	1	190	n.a.	n.a.
MK [4]	2	301	3	606	0	0	5	907	0	0
NL [6]	95	3887	19	5783	14	8177	128	17847	1	485
PL	206	12907	63	15409	2	1008	271	29324	0	0
PT	41	1543	16	4888	0	0	57	6431	0	0
RO	92	5346	11	3051	0	0	103	8397	2	1300
RS	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
SI	2	276	1	312	1	672	4	1260	1	696
SK	34	1919	0	0	0	0	34	1919	5	2200
UCTE [7]	**3823**	**119483**	**419**	**125031**	**142**	**85020**	**4384**	**329534**	**115**	**110043**
UA_W	16	2500	0	0	0	0	16	2500	0	0

[1] The conventional thermal units include units that fire biomass or waste.
[2] Values on conventional thermal units as of 31 December 2000
[3] Values on conventional thermal units as of 31 December 2003
[4] Values on conventional thermal units as of 31 December 2004
[5] Values on conventional thermal units as of 31 December 2005
[6] Values on conventional thermal units as of 31 December 2006
[7] Except Bulgaria, Montenegro and Serbia

Country	Commissioning				Decommissioning			
	Thermal conventional		Thermal nuclear		Thermal conventional		Thermal nuclear	
	Number	MW	Number	MW	Number	MW	Number	MW
AT	0	0	0	0	0	0	0	0
BA	0	0	0	0	0	0	0	0
BE [1]	0	0	0	0	0	0	0	0
BG	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
CH	2	39	0	0	0	0	0	0
CZ	0	0	0	0	0	0	0	0
DE	0	0	0	0	0	0	1	340
DK_W	0	0	0	0	0	0	0	0
ES	14	5340	0	0	5	1874	0	0
FR	6	225	0	0	5	314	0	0
GR	1	60	0	0	0	0	0	0
HR	0	0	0	0	0	0	0	0
HU	2	29	0	0	0	0	0	0
IT	134	3154	0	0	136	580	0	0
LU	0	0	0	0	0	0	0	0
ME	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
MK	0	0	0	0	0	0	0	0
NL	0	0	0	0	0	0	0	0
PL	2	37	0	0	2	20	0	0
PT	1	49	n.a.	n.a.	2	32	n.a.	n.a.
RO	2	23	1	650	1	22	0	0
RS	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
SI	0	0	0	0	0	0	0	0
SK	3	80	0	0	6	447	1	440
UCTE [2]	**167**	**9036**	**1**	**650**	**157**	**3289**	**2**	**780**
UA_W	0	0	0	0	0	0	0	0

[1] The conventional thermal units include units that fire biomass or waste.
[2] Except Bulgaria, Montenegro and Serbia

Inventory of hydro power units

Country	1 MW ≤ x < 10 MW		10 MW ≤ x < 50 MW		50 MW ≤ x < 100 MW		≥ 100 MW		**Total**	
	Number	MW	Number	MW	Number	MW	Number	MW	Number	MW
AT [2]	208	650	101	2526	20	1492	26	6698	355	11366
BA	2	10	16	335	12	774	7	945	37	2064
BE	27	98	4	144	0	0	6	1164	37	1406
BG	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
CH	183	646	101	2470	40	2705	36	7508	360	13329
CZ	60	213	6	212	6	484	6	1100	78	2009
DE [1]	234	898	78	1648	14	1026	15	4841	341	8413
DK_W [5]	3	10	0	0	0	0	0	0	3	10
ES	483	1652	144	3387	41	2756	46	12813	714	20608
FR	529	1680	185	4452	40	2943	61	15919	815	24994
GR	34	107	3	63	2	120	11	2846	50	3136
HR [3]	22	69	21	576	6	453	8	978	57	2076
HU [4]	10	46	0	0	0	0	0	0	10	46
IT	641	2086	229	5392	29	1960	42	11601	941	21039
LU	3	20	1	11	0	0	1	1096	5	1127
ME	3	8	0	0	0	0	2	649	5	657
MK [3]	22	36	3	73	3	265	1	150	29	524
NL [5]	0	0	3	35	0	0	0	0	3	35
PL	69	151	21	510	5	285	8	1256	103	2202
PT	97	425	40	911	33	2204	8	1395	178	4935
RO	172	963	103	1944	17	1039	11	1869	303	5815
RS	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
SI	1	8	11	314	5	319	2	230	19	845
SK	29	176	36	700	10	820	6	734	81	2430
UCTE [6]	**2832**	**9952**	**1106**	**25703**	**283**	**19645**	**303**	**73792**	**4524**	**129066**
UA_W	3	27	0	0	0	0	0	0	3	27

[1] Values as of 31 December 2000
[2] Values as of 31 December 2003
[3] Values as of 31 December 2004
[4] Values as of 31 December 2005
[5] Values as of 31 December 2006
[6] Except Bulgaria and Serbia

Country	Commissioning		Decommissioning	
	Number	MW	Number	MW
AT	n.a.	n.a.	n.a.	n.a.
BA	0	0	0	0
BE	0	0	0	0
BG	n.a.	n.a.	n.a.	n.a.
CH	1	2	0	0
CZ	4	6	0	0
DE	0	0	0	0
DK_W	0	0	0	0
ES	6	36	0	0
FR	0	0	0	0
GR	7	23	0	0
HR	0	0	0	0
HU	0	0	0	0
IT	58	58	23	12
LU	0	0	0	0
ME	n.a.	n.a.	n.a.	n.a.
MK	0	0	0	0
NL	0	0	0	0
PL	1	1	0	0
PT	1	1	0	0
RO	3	204	0	0
RS	n.a.	n.a.	n.a.	n.a.
SI	0	0	0	0
SK	0	0	0	0
UCTE[1]	**81**	**331**	**23**	**12**
UA_W	0	0	0	0

[1] Except Austria, Bulgaria, Montenegro and Serbia

4 UCTE-TERMINOLOGY

Terminology index

The Terminology index contains all terms used in this Statistical Yearbook. The corresponding explanations are available on the UCTE internet site www.ucte.org under "Resources / Terminologies / Statistics".

Explanations to the UCTE Power Balance / System Adequacy (Table 8a and Table 8b) are also available on the UCTE website under "Resources / Terminologies / System Adequacy / System Adequacy Methodology" [1].

Terminology index

[1] SAM - System Adequacy Methodology

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