

UCTE



Statistical Yearbook 2006

union for the co-ordination of transmission of electricity

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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 450 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

33	Transmission System Operators (TSO)
23	European Countries
450 million	People served by the represented power systems
620 GW	Installed capacity
2500 TWh	Electricity consumption in 2006
295 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 correspondents 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 national 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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MONTHLY VALUES

1

OPERATION AND PHYSICAL EXCHANGE BALANCE PER COUNTRY FOR THE YEARS 1996, 2005, 2006

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Hungary (HU)	48
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Luxembourg (LU)	54
FYROM ² (MK)	57
The Netherlands (NL)	60
Poland (PL)	63
Portugal (PT)	66
Romania (RO)	69
Slovenia (SI)	72
Slovak Republic (SK)	75
Denmark West ³ (DK_W)	78
Ukraine West ⁴ (UA_W)	81
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Abbreviations used in tables

Σ Sum of the 12 monthly values
 Ø pond. Weighted mean value
 Max. Maximal value of the year

Third countries	1996	2005	2006
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
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.

¹ The Bulgarian values of production and consumption are gross values.

² FYROM = Former Yugoslav Republic of Macedonia

³ Denmark West represents the Western part of Denmark synchronously interconnected with UCTE (Jutland and Funen)

⁴ Ukraine West represents the so-called Burshtyn Island synchronously interconnected with UCTE

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

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

Time of the maximum load on the 3rd Wednesday

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

Similar information is represent in the following graphs of the Statistical Yearbook:

- Net production on pages 128 and 129
- Physical exchanges on pages 133, 134, 146 and 147
- Load curves on pages 92-105

Overview UCTE in figures 2006

Countries		AT	BA	BE	BG	CH	CS	CZ	DE	ES	FR	GR
Net production "All values are calculated to represent 100% of the national values"												
Thermal nuclear	GWh	0	0	44315	18957	26244	0	24499	158725	57413	428674	0
Thermal conventional	GWh	22481	7452	32583	20480	2282	28755	49972	359126	153838	53952	42653
Hydroproduction	GWh	34102	5857	1614	4497	32558	12494	3244	23997	29017	60927	6449
Other renewable	GWh	0	0	2909	0	1059	0	175	45964	27953	5521	1293
- of which windpower	GWh	0	0	345	0	6	0	49	32295	22632	2222	1199
Not clearly identifiable	GWh	6407	0	0	0	0	0	0	0	0	0	0
Total net production	GWh	62990	13309	81421	43934	62143	41249	77890	587812	268221	549074	50395

Consumption "All values are calculated to represent 100% of the national values"

Consumption	GWh	66500	11109	89900	35672	63223	42262	64308	559078	259679	478360	53988
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Maximum load on the 3rd Wednesday "All values are calculated to represent 100% of the national values"

Maximum load	MW	9222	1826	13317	6340	10218	7047	10095	80750	42744	80966	8586
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Maximum output capacity as of 31.12.2006 "All values are identical with the national values and there representativity"

Thermal nuclear	MW	0	0	5802	2000	3220	0	3537	20300	7458	63260	0
Thermal conventional	MW	6254	1957	8165	5390	340	6400	10585	70400	38064	24837	8097
Hydropower	MW	11811	2064	1410	2704	13355	3497	2175	9100	18905	25457	3133
Renewable emnergy sources	MW	849	0	746	8	330	0	77	24500	12446	2403	587
Not unambigously identified energy sources	MW	0	0	0	0	195	0	0	0	0	0	0
Total	MW	18914	4021	16123	10102	17440	9897	16374	124300	76873	115957	11817
Representativity of the values	%	100	100	100	100	100	100	100	90	100	100	100

Percentage as referred to the national values

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

Overview UCTE in figures 2006

HR	HU	IT	LU	MK	NL	PL	PT	RO	SI	SK	UCTE	DK_W	UA_W
0	12653	0	0	0	3269	0	0	5204	5281	16631	801865	0	0
5264	18745	250685	3195	4940	84278	145736	29952	34236	4727	5409	1360741	20093	8274
6082	181	42450	892	1624	100	2794	11198	17982	3121	4401	305581	25	128
24	1169	8402	122	0	7067	326	4818	0	0	10	106812	6113	0
17	41	3153	60	0	2697	234	2892	0	0	3	67845	4671	0
0	673	0	0	0	0	0	0	0	0	2591	9671	1	0
11370	33421	301537	4209	6564	94714	148856	45968	57422	13129	29042	2584670	26232	8402

16810	40629	337796	6616	8377	116179	136498	50705	53016	13331	27208	2531244	21737	4328
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2817	6271	53816	972	1520	17855	22017	9048	7974	2166	4316	391622	3652	969
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0	1755	0	0	0	485	0	0	655	696	2640	111808	0	0
1691	5253	66200	487	907	19294	29810	6681	9029	1260	2270	323371	5156	1501
2079	46	21070	1128	503	37	2324	4948	5817	873	2429	134865	10	27
10	435	2536	69	0	2313	168	1988	0	0	5	49470	2391	0
0	682	0	0	0	18	0	0	0	0	696	1591	0	0
3780	8171	89806	1684	1410	22147	32302	13617	15501	2829	8040	621105	7557	1528
100	100	100	100	100	100	100	97	100	100	100		100	100

HR	HU	IT	LU	MK	NL	PL	PT	RO	SI	SK	DK_W	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	95	100	100	100
100	100	100	100	100	100	100	97	100	95	100	100	100

				I-XII
Thermal nuclear net production	GWh	Σ	1996 2005 2006	0 0 0
Thermal conventional net production	GWh	Σ	1996 2005 2006	13248 24068 22481
Hydraulic net production	GWh	Σ	1996 2005 2006	32707 35511 34102
Other renewable net production ¹	GWh	Σ	2005 2006	0 0
- of which wind	GWh	Σ	2005 2006	0 0
Not clearly identifiable net production ¹	GWh	Σ	2005 2006	4221 6407
Total net electrical energy production, calculated to represent 100% of the national values	GWh	Σ	1996 2005 ³ 2006 ³	53575 63800 62990
Physical import	GWh	Σ	1996 2005 2006	10197 23088 23147
Physical export	GWh	Σ	1996 2005 2006	8850 19773 15882
Total physical import/export balance ²	GWh	Σ	1996 2005 2006	965 2651 6848
Consumption of pumps	GWh	Σ	1996 2005 2006	1881 3277 3338
National electrical consumption, calculated to represent 100% of the national values	GWh	Σ	1996 2005 2006	52659 63174 66500
Consumption load 3:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1996 2005 2006	6131 7762 6638
Consumption load 11:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1996 2005 2006	8551 10323 8951
Highest load on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1996 2005 2006	8551 10520 9222
Time of highest load on the 3rd Wednesday		CET	1996 2005 2006	11:00 18:00 18:00
Power produced in parallel operation on the 3rd Wednesday at 11:00 a.m.	MW	max.	1996 2005 2006	7776 10002 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").

Monthly values / Operation

Austria

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
2240	2328	2189	1075	269	353	315	506	724	704	925	1620
2399	2520	2507	1689	1169	1700	1459	1046	1667	2147	2805	2960
3027	2757	2819	1492	862	964	1519	1175	1243	1930	2330	2363
1922	1547	1693	2430	3528	3293	3463	3069	3051	3335	2934	2442
2171	2240	2572	3304	3871	3566	3737	3571	3159	2882	2323	2115
1882	1851	2459	3301	3983	4092	3676	3658	2810	2248	2301	1841
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	520	659	460	522	516	425	436	263	420
341	303	0	634	759	701	602	725	598	566	669	509
4783	4504	4461	4075	4414	4289	4444	4205	4388	4751	4539	4722
4570	4760	5079	5513	5699	5726	5718	5133	5251	5465	5391	5495
5250	4911	5278	5427	5604	5757	5797	5558	4651	4744	5300	4713
1152	1048	1159	920	700	614	632	614	770	731	855	1002
2540	2093	2141	1869	1568	1422	1528	1589	1566	2029	2124	2619
2757	2355	2082	1590	1252	1414	1403	1223	1912	2273	1992	2894
675	572	712	700	819	845	824	760	762	848	716	617
1464	1567	1710	1939	1720	1834	1803	1504	1503	1740	1408	1581
1260	1202	1392	1458	1249	1641	1614	1403	1074	1162	1234	1193
407	464	449	233	-201	-278	-225	-172	-27	-60	73	302
1019	465	381	-99	-353	-441	-282	53	26	248	665	969
1443	1104	650	100	-22	-257	-229	-185	801	1090	708	1645
48	34	85	137	295	205	263	220	237	199	115	43
250	174	242	234	323	291	373	340	265	281	251	253
286	258	224	261	342	346	295	243	264	273	242	304
5142	4934	4825	4171	3918	3806	3956	3813	4124	4492	4497	4981
5339	5051	5218	5180	5023	4994	5063	4846	5012	5432	5805	6211
6407	5757	5704	5266	5240	5154	5273	5130	5188	5561	5766	6054
6131	5851	5625	5049	4447	4297	4002	3905	4490	4511	5054	5708
7515	7762	7179	5143	4866	4853	4791	4596	4873	5405	5632	6363
6638	6502	6416	5160	4948	5119	5097	4371	5056	5490	5560	6521
8551	8098	7675	7071	7101	6817	6852	6931	7427	7501	7805	8143
10317	10323	9773	7684	7573	7249	7208	7183	7450	7730	7918	8517
8951	8644	8532	7419	7527	7740	7556	7032	7507	7818	8031	8816
8551	8098	7675	7072	7223	6926	6852	6931	7476	7509	7810	8173
10520	10402	9815	7777	7781	7446	7357	7368	7506	7873	8408	8904
9045	8914	8595	7546	7688	7940	7728	7234	7656	7897	8393	9222
11:00	11:00	11:00	12:00	12:00	12:00	11:00	11:00	12:00	12:00	18:00	09:00
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	19:00	18:00	18:00
7776	7638	6906	5894	7158	6980	7173	7475	7379	7602	6798	7216
8627	8628	7398	7688	7502	8903	7930	7414	10002	9175	9175	9817
8742	7871	9810	8935	7875	9294	10010	9045	8725	7908	8516	8355

²Terminology 2.15, see also note Physical energy exchange in interconnected operation³including deliveries from industry

Physical exchanges in interconnected operation ¹

MM_YY	Export (-)							Import (+)							UCTE_IMP	Total_IMP
	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		
I.96	144	0	266	17	116	132	658	675	26	363	621	137	0	5	652	1152
II.96	65	0	276	15	98	118	557	572	95	318	526	106	0	3	624	1048
III.96	196	0	240	62	98	116	650	712	16	317	790	31	0	5	811	1159
IV.96	220	0	230	61	128	61	639	700	4	139	739	11	0	27	770	920
V.96	176	3	286	112	131	111	704	819	31	117	512	10	0	30	573	700
VI.96	149	0	292	106	137	161	739	845	23	100	477	13	0	1	501	614
VII.96	129	2	282	97	149	165	725	824	51	81	480	18	0	2	533	632
VIII.96	223	2	283	83	75	94	675	760	27	13	519	25	0	30	576	614
IX.96	203	0	279	33	133	114	729	762	25	141	542	60	0	2	569	770
X.96	181	16	420	51	116	64	781	848	17	199	446	54	0	15	478	731
XI.96	185	12	278	30	116	95	674	716	23	214	504	96	0	18	545	855
XII.96	155	2	232	14	126	88	601	617	33	225	595	136	0	13	641	1002
1996	2026	37	3364	681	1423	1319	8132	8850	371	2227	6751	697	0	151	7273	10197
I.05	725	0	448	23	142	126	1464	1464	12	755	1639	59	0	75	2540	2540
II.05	821	0	455	52	123	116	1567	1567	0	554	1475	24	0	40	2093	2093
III.05	905	1	545	67	124	68	1710	1710	0	501	1577	19	2	42	2141	2141
IV.05	899	0	637	165	122	116	1939	1939	0	510	1323	22	0	14	1869	1869
V.05	752	1	680	74	137	76	1720	1720	147	376	1019	20	0	6	1568	1568
VI.05	764	3	734	76	129	128	1834	1834	0	313	1029	12	0	68	1422	1422
VII.05	730	0	753	57	109	154	1803	1803	0	260	1065	183	0	20	1528	1528
VIII.05	516	3	704	49	122	110	1504	1504	34	494	858	153	0	50	1589	1589
IX.05	606	2	533	106	122	134	1503	1503	4	481	985	50	0	46	1566	1566
X.05	856	1	497	71	129	186	1740	1740	0	621	1277	103	0	28	2029	2029
XI.05	637	0	514	45	119	93	1408	1408	14	583	1343	126	0	58	2124	2124
XII.05	908	1	495	24	119	34	1581	1581	0	666	1781	86	0	86	2619	2619
2005	9119	12	6995	809	1497	1341	19773	19773	211	6114	15371	857	2	533	23088	23088
I.06	754	0	419	2	75	10	1260	1260	0	631	1706	196	2	222	2757	2757
II.06	687	4	405	3	89	14	1202	1202	0	527	1531	138	1	158	2355	2355
III.06	696	7	541	11	112	25	1392	1392	1	425	1405	123	0	128	2082	2082
IV.06	613	2	548	43	113	139	1458	1458	1	421	1050	106	0	12	1590	1590
V.06	374	2	622	25	140	86	1249	1249	11	485	638	112	0	6	1252	1252
VI.06	694	0	687	49	113	98	1641	1641	0	428	899	62	0	25	1414	1414
VII.06	511	4	823	37	131	108	1614	1614	28	392	898	12	0	73	1403	1403
VIII.06	489	3	652	26	137	96	1403	1403	20	123	843	181	0	56	1223	1223
IX.06	486	0	358	51	114	65	1074	1074	12	649	1108	58	0	85	1912	1912
X.06	615	0	277	47	133	90	1162	1162	1	672	1449	39	0	112	2273	2273
XI.06	610	1	322	125	124	52	1234	1234	5	575	1360	6	0	46	1992	1992
XII.06	775	0	188	46	134	50	1193	1193	3	811	1912	29	0	139	2894	2894
2006	7304	23	5842	465	1415	833	15882	15882	82	6139	14799	1062	3	1062	23147	23147

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	Export (-)			Import (+)			Total_IMP	BA_UCTE	BA_Total
	BA→CS	BA→HR	UCTE_EXP	Total_EXP	CS→BA	HR→BA			
I.96	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
II.96	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
III.96	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
IV.96	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
V.96	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
VI.96	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
VII.96	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
VIII.96	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
IX.96	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
X.96	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
XI.96	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
XII.96	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
1996	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
I.05	93	275	368	368	82	107	189	-179	-179
II.05	45	225	270	270	100	131	231	-39	-39
III.05	67	352	419	419	80	90	170	-249	-249
IV.05	54	257	311	311	51	85	136	-175	-175
V.05	42	194	236	236	59	79	138	-98	-98
VI.05	20	245	265	265	133	102	235	-30	-30
VII.05	77	183	260	260	44	143	187	-73	-73
VIII.05	142	161	303	303	34	139	173	-130	-130
IX.05	59	238	297	297	72	74	146	-151	-151
X.05	100	222	322	322	70	103	173	-149	-149
XI.05	86	184	270	270	123	163	286	16	16
XII.05	108	199	307	307	63	124	187	-120	-120
2005	893	2735	3628	3628	911	1340	2251	-1377	-1377
I.06	159	352	511	511	106	62	168	-343	-343
II.06	101	298	399	399	127	76	203	-196	-196
III.06	7	391	398	398	80	64	144	-254	-254
IV.06	100	395	495	495	87	64	151	-344	-344
V.06	105	352	457	457	208	51	259	-198	-198
VI.06	60	320	380	380	264	65	329	-51	-51
VII.06	94	361	455	455	230	25	255	-200	-200
VIII.06	170	259	429	429	220	41	261	-168	-168
IX.06	163	206	369	369	200	46	246	-123	-123
X.06	191	242	433	433	252	58	310	-123	-123
XI.06	184	234	418	418	252	53	305	-113	-113
XII.06	142	237	379	379	315	69	384	5	5
2006	1476	3647	5123	5123	2341	674	3015	-2108	-2108

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".

			I-XII	
			1996	n.a.
Thermal nuclear net production	GWh	Σ	2005	0
			2006	0
Thermal conventional net production	GWh	Σ	1996	n.a.
			2005	6604
			2006	7452
Hydraulic net production	GWh	Σ	1996	n.a.
			2005	5998
			2006	5857
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	1996	n.a.
			2005	12602
			2006	13309
Physical import	GWh	Σ	1996	n.a.
			2005	2251
			2006	3015
Physical export	GWh	Σ	1996	n.a.
			2005	3628
			2006	5123
Total physical import/export balance ²	GWh	Σ	1996	n.a.
			2005	-1411
			2006	-2200
Consumption of pumps	GWh	Σ	1996	n.a.
			2005	0
			2006	0
National electrical consumption, calculated to represent 100% of the national values	GWh	Σ	1996	n.a.
			2005	11191
			2006	11109
Consumption load 3:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1996	n.a.
			2005	1161
			2006	1162
Consumption load 11:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1996	n.a.
			2005	1688
			2006	1644
Highest load on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1996	n.a.
			2005	1891
			2006	1826
Time of highest load on the 3rd Wednesday		CET	1996	n.a.
			2005	18:00
			2006	18:00
Power produced in parallel operation on the 3rd Wednesday at 11:00 a.m.	MW	max.	1996	n.a.
			2005	1916
			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").

Monthly values / Operation

Bosnia-Herzegovina

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.
643	561	592	248	278	508	583	636	672	706	549	628
666	669	585	373	421	530	694	739	613	653	736	773
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
599	491	670	796	644	374	347	355	317	357	436	612
799	502	670	827	638	366	367	297	358	385	348	300
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
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.
1242	1052	1262	1044	922	882	930	991	989	1063	985	1240
1465	1171	1255	1200	1059	896	1061	1036	971	1038	1084	1073
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
189	231	170	136	138	235	187	173	146	173	286	187
168	203	144	151	259	329	255	261	246	310	305	384
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	0	n.a.	n.a.	n.a.
368	270	419	311	236	265	260	303	297	322	270	307
511	399	398	495	457	380	455	429	369	433	418	379
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
-205	-69	-274	-162	-90	27	-89	-135	-165	-146	52	-155
-347	-195	-269	-353	-207	-59	-208	-175	-131	-131	-121	-4
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.
1037	983	988	882	832	909	841	856	824	917	1037	1085
1118	976	986	847	852	837	853	861	840	907	963	1069
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
1138	1161	1042	887	856	863	879	872	882	951	1003	1158
1125	1162	1158	932	883	886	897	868	924	982	1057	1104
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
1678	1651	1469	1323	1279	1302	1307	1273	1331	1420	1431	1688
1630	1571	1607	1446	1260	1379	1322	1333	1367	1462	1478	1644
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
1861	1762	1600	1496	1405	1405	1428	1365	1487	1630	1676	1891
1791	1730	1733	1542	1432	1455	1444	1428	1547	1679	1759	1826
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	20:00	21:00	22:00	22:00	22:00	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.
1916	1615	1654	1593	1382	1354	1557	1496	1691	1617	1452	1858
2113	1931	2161	2027	1582	1548	1518	1632	1741	1564	1637	2075

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

				I-XII
Thermal nuclear net production	GWh	Σ	1996 2005 2006	41150 45336 44315
Thermal conventional net production	GWh	Σ	1996 2005 2006	30009 34085 32583
Hydraulic net production	GWh	Σ	1996 2005 2006	1200 1596 1614
Other renewable net production ¹	GWh	Σ	2005 2006	2381 2909
- of which wind	GWh	Σ	2005 2006	225 345
Not clearly identifiable net production ¹	GWh	Σ	2005 2006	0 0
Total net electrical energy production, calculated to represent 100% of the national values	GWh	Σ	1996 ³ 2005 ³ 2006 ³	72359 83398 81421
Physical import	GWh	Σ	1996 2005 2006	9595 14198 18729
Physical export	GWh	Σ	1996 2005 2006	5449 8029 8697
Total physical import/export balance ²	GWh	Σ	1996 2005 2006	4191 6304 10169
Consumption of pumps	GWh	Σ	1996 2005 2006	1267 1775 1690
National electrical consumption, calculated to represent 100% of the national values	GWh	Σ	1996 2005 2006	75283 87927 89900
Consumption load 3:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1996 2005 2006	9683 10492 10311
Consumption load 11:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1996 2005 2006	10977 12500 12726
Highest load on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1996 2005 2006	11313 13235 13317
Time of highest load on the 3rd Wednesday		CET	1996 2005 2006	18:00 19:00 18:00
Power produced in parallel operation on the 3rd Wednesday at 11:00 a.m.	MW	max.	1996 2005 2006	10673 12093 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").

Monthly values / Operation

Belgium

I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
4104	3895	3726	3253	3247	3024	3102	2937	3361	3178	3816	3507
4313	3899	3857	3645	3783	3725	4093	3443	3342	3542	3543	4151
4147	3646	3608	3751	3906	3667	3338	3534	3431	3933	3378	3976
2695	2688	2979	2465	2412	2273	2026	2105	2235	2786	2341	3004
2972	3084	3067	2811	2659	2595	2565	2656	2793	2927	2965	2991
3185	3207	3207	2186	2019	2365	2743	2361	2582	2709	3026	2993
103	104	107	88	93	85	96	103	74	93	117	137
176	154	155	127	132	115	117	122	112	117	119	150
137	129	151	150	160	133	116	122	118	131	117	150
178	156	169	167	165	147	144	183	228	233	335	276
261	218	251	232	237	214	220	242	235	268	263	268
24	16	18	15	19	13	14	13	14	24	27	28
26	28	35	25	30	13	14	21	20	35	44	54
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
6902	6687	6812	5806	5752	5382	5224	5145	5670	6057	6274	6648
7639	7293	7248	6750	6739	6582	6919	6404	6475	6819	6962	7568
7730	7200	7217	6319	6322	6379	6417	6259	6366	7041	6784	7387
752	640	702	794	740	771	819	913	839	840	899	886
1184	1000	1406	990	1026	1201	705	1341	1472	1166	1395	1312
1406	1375	1767	1652	1660	1659	1635	1654	1745	1368	1463	1345
486	494	616	531	384	469	491	466	502	332	395	283
511	623	674	448	638	838	1006	968	837	544	444	498
531	720	620	562	620	955	1032	975	937	713	454	578
278	158	96	274	366	311	255	457	347	520	516	613
685	390	745	554	399	373	-289	383	648	635	956	825
887	667	1158	1101	1049	711	614	689	818	664	1021	790
108	93	101	97	111	102	118	121	85	110	97	124
160	149	149	133	145	143	149	151	142	149	149	156
143	130	140	139	164	140	141	137	141	153	122	140
7072	6752	6807	5983	6007	5591	5361	5481	5932	6467	6693	7137
8164	7534	7844	7171	6993	6812	6481	6636	6981	7305	7769	8237
8474	7737	8235	7281	7207	6950	6890	6811	7043	7552	7683	8037
8459	9683	8187	7191	7539	6825	6207	6816	7152	7200	8579	8735
10082	10492	9232	8941	8676	8273	7563	7916	8187	8734	9558	10096
10290	10311	10107	9063	8524	8142	8075	7449	8211	8698	9015	10142
10612	10977	10269	9623	10047	9489	8336	9554	9809	9828	10856	10884
12364	12457	11310	11451	11327	10886	9581	10756	11288	11569	12119	12500
12598	12726	11941	11594	11433	11336	10617	10854	11268	11929	11677	12641
11097	11112	10398	9739	10332	9745	8577	9861	10028	9998	11260	11313
13067	12935	11559	11547	11477	11106	9776	10947	11417	11754	13160	13235
13204	12913	12256	11661	11700	11616	10888	11168	11598	12130	12583	13317
19:00	12:00	12:00	12:00	12:00	12:00	12:00	12:00	12:00	10:00	19:00	18:00
19:00	19:00	20:00	12:00	12:00	12:00	12:00	13:00	12:00	20:00	19:00	19:00
19:00	19:00	20:00	12:00	12:00	12:00	12:00	12:00	12:00	20:00	19:00	18:00
10136	10673	9752	9069	9576	9178	8213	9090	9399	8434	9863	9506
11278	12093	10274	11119	11080	9800	10178	9974	10281	10487	10775	11306
10840	11426	10063	9845	9556	10191	9489	9621	9804	10953	9987	11213

²Terminology 2.15, see also note Physical energy exchange in interconnected operation³including deliveries from industry

Physical exchanges in interconnected operation ¹

Belgium

GWh

MM_YY	Export (-)			Import (+)			UCTE_IMP	Total_IMP	BE_UCTE	BE_Total
	BE→FR	BE→LU	BE→NL	UCTE_EXP	Total_EXP	FR→BE	LU→BE	NL→BE		
I.96	141	130	215	486	486	413	0	339	752	266
II.96	161	94	239	494	494	292	0	348	640	146
III.96	224	134	258	616	616	316	0	386	702	86
IV.96	119	120	292	531	531	434	0	360	794	263
V.96	72	111	201	384	384	406	0	334	740	356
VI.96	103	110	256	469	469	448	0	323	771	302
VII.96	130	115	246	491	491	502	0	317	819	328
VIII.96	44	63	359	466	466	687	0	226	913	447
IX.96	70	116	316	502	502	568	0	271	839	337
X.96	34	130	168	332	332	518	0	322	840	508
XI.96	82	128	185	395	395	503	0	396	899	504
XII.96	94	125	64	283	283	371	0	515	886	603
1996	1274	1376	2799	5449	5449	5458	0	4137	9595	4146
I.05	299	92	120	511	511	264	232	688	1184	673
II.05	442	101	80	623	623	163	48	789	1000	377
III.05	392	109	173	674	674	416	229	761	1406	732
IV.05	253	100	95	448	448	180	218	592	990	542
V.05	66	108	464	638	638	593	198	235	1026	388
VI.05	54	94	690	838	838	916	183	102	1201	363
VII.05	194	129	683	1006	1006	377	205	123	705	-301
VIII.05	73	88	807	968	968	1060	189	92	1341	373
IX.05	27	137	673	837	837	1135	217	120	1472	635
X.05	61	145	338	544	544	716	216	234	1166	622
XI.05	97	146	201	444	444	627	204	564	1395	951
XII.05	264	125	109	498	498	308	229	775	1312	814
2005	2222	1374	4433	8029	8029	6755	2368	5075	14198	6169
I.06	320	147	64	531	531	296	222	888	1406	875
II.06	564	127	29	720	720	127	130	1118	1375	655
III.06	446	147	27	620	620	265	227	1275	1767	1147
IV.06	11	139	412	562	562	1032	201	419	1652	1090
V.06	15	162	443	620	620	1114	223	323	1660	1040
VI.06	23	161	771	955	955	1230	239	190	1659	704
VII.06	52	179	801	1032	1032	1272	226	137	1635	603
VIII.06	30	85	860	975	975	1456	192	6	1654	679
IX.06	15	132	790	937	937	1468	202	75	1745	808
X.06	46	146	521	713	713	1062	186	120	1368	655
XI.06	89	143	222	454	454	952	208	303	1463	1009
XII.06	370	129	79	578	578	370	226	749	1345	767
2006	1981	1697	5019	8697	8697	10644	2482	5603	18729	10032

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	Export (-)							Import (+)							UCTE_IMP	Total_IMP	BG_UCTE	BG_Total
	BG→CS	BG→GR	BG→MK	BG→RO	BG→TR	UCTE_EXP	Total_EXP	CS→BG	GR→BG	MK→BG	RO→BG	TR→BG	UCTE_IMP	Total_IMP				
I.96	5	128	n.a.	n.a.	n.a.	133	n.a.	0	0	n.a.	n.a.	n.a.	0	n.a.	-133	n.a.	-133	n.a.
II.96	134	120	n.a.	n.a.	n.a.	254	n.a.	0	0	n.a.	n.a.	n.a.	0	n.a.	-254	n.a.	-254	n.a.
III.96	78	115	n.a.	n.a.	n.a.	193	n.a.	0	0	n.a.	n.a.	n.a.	0	n.a.	-193	n.a.	-193	n.a.
IV.96	1	5	n.a.	n.a.	n.a.	6	n.a.	5	3	n.a.	n.a.	n.a.	8	n.a.	2	n.a.	2	n.a.
V.96	8	68	n.a.	n.a.	n.a.	76	n.a.	67	10	n.a.	n.a.	n.a.	77	n.a.	1	n.a.	1	n.a.
VI.96	8	51	n.a.	n.a.	n.a.	59	n.a.	40	12	n.a.	n.a.	n.a.	52	n.a.	-7	n.a.	-7	n.a.
VII.96	74	10	n.a.	n.a.	n.a.	84	n.a.	2	0	n.a.	n.a.	n.a.	2	n.a.	-82	n.a.	-82	n.a.
VIII.96	29	6	n.a.	n.a.	n.a.	35	n.a.	23	0	n.a.	n.a.	n.a.	23	n.a.	-12	n.a.	-12	n.a.
IX.96	80	42	n.a.	n.a.	n.a.	122	n.a.	8	3	n.a.	n.a.	n.a.	11	n.a.	-111	n.a.	-111	n.a.
X.96	117	67	n.a.	n.a.	n.a.	184	n.a.	2	1	n.a.	n.a.	n.a.	3	n.a.	-181	n.a.	-181	n.a.
XI.96	87	23	n.a.	n.a.	n.a.	110	n.a.	0	11	n.a.	n.a.	n.a.	11	n.a.	-99	n.a.	-99	n.a.
XII.96	114	12	n.a.	n.a.	n.a.	126	n.a.	0	35	n.a.	n.a.	n.a.	35	n.a.	-91	n.a.	-91	n.a.
1996	735	647	n.a.	n.a.	n.a.	1382	n.a.	147	75	n.a.	n.a.	n.a.	222	n.a.	-1160	n.a.	-1160	n.a.
I.05	262	408	0	23	0	693	693	0	0	0	81	0	81	81	-612	-612	-612	-612
II.05	327	411	0	29	0	767	767	0	0	0	60	0	60	60	-707	-707	-707	-707
III.05	283	375	0	109	0	767	767	0	0	0	12	0	12	12	-755	-755	-755	-755
IV.05	218	319	3	100	0	640	640	0	0	0	22	0	22	22	-618	-618	-618	-618
V.05	229	211	0	90	0	530	530	0	0	0	3	0	3	3	-527	-527	-527	-527
VI.05	210	377	2	84	0	673	673	0	0	0	15	0	15	15	-658	-658	-658	-658
VII.05	205	436	30	54	0	725	725	0	0	0	68	0	68	68	-657	-657	-657	-657
VIII.05	89	395	29	29	0	542	542	0	0	0	87	0	87	87	-455	-455	-455	-455
IX.05	116	367	24	69	0	576	576	0	0	0	57	0	57	57	-519	-519	-519	-519
X.05	154	373	82	86	0	695	695	4	0	0	99	0	103	103	-592	-592	-592	-592
XI.05	312	431	79	55	0	877	877	0	0	0	141	0	141	141	-736	-736	-736	-736
XII.05	355	450	85	2	0	892	892	0	0	0	152	0	152	152	-740	-740	-740	-740
2005	2760	4553	334	730	0	8377	8377	4	0	0	797	0	801	801	-7576	-7576	-7576	-7576
I.06	338	427	78	32	0	875	875	0	0	0	74	0	74	74	-801	-801	-801	-801
II.06	332	422	73	40	0	867	867	0	0	0	55	0	55	55	-812	-812	-812	-812
III.06	302	423	68	70	0	863	863	0	0	0	65	0	65	65	-798	-798	-798	-798
IV.06	231	370	65	66	0	732	732	0	0	0	13	0	13	13	-719	-719	-719	-719
V.06	225	202	46	55	0	528	528	0	0	0	41	0	41	41	-487	-487	-487	-487
VI.06	183	403	92	82	0	760	760	0	0	0	70	0	70	70	-690	-690	-690	-690
VII.06	158	392	69	84	0	703	703	0	0	0	85	0	85	85	-618	-618	-618	-618
VIII.06	280	406	78	102	0	866	866	0	0	0	141	0	141	141	-725	-725	-725	-725
IX.06	100	344	72	151	0	667	667	0	0	0	74	0	74	74	-593	-593	-593	-593
X.06	152	318	71	26	0	567	567	0	0	0	85	0	85	85	-482	-482	-482	-482
XI.06	223	350	72	2	0	647	647	0	0	0	248	0	248	248	-399	-399	-399	-399
XII.06	313	411	76	0	0	800	800	0	0	0	187	0	187	187	-613	-613	-613	-613
2006	2837	4468	860	710	0	8875	8875	0	0	0	1138	0	1138	1138	-7737	-7737	-7737	-7737

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".

			I-XII	
			1996	n.a.
Thermal nuclear net production	GWh	Σ	2005 2006	18656 18957
Thermal conventional net production	GWh	Σ	1996 2005 2006	n.a. 20943 20480
Hydraulic net production	GWh	Σ	1996 2005 2006	n.a. 4664 4497
Other renewable net production ¹	GWh	Σ	2005 2006	0 0
- of which wind	GWh	Σ	2005 2006	0 0
Not clearly identifiable net production ¹	GWh	Σ	2005 2006	0 0
Total net electrical energy production, calculated to represent 100% of the national values	GWh	Σ	1996 2005 2006 ³	n.a. 44263 43934
Physical import	GWh	Σ	1996 2005 2006	n.a. 801 1138
Physical export	GWh	Σ	1996 2005 2006	n.a. 8377 8875
Total physical import/export balance ²	GWh	Σ	1996 2005 2006	n.a. -7642 -7806
Consumption of pumps	GWh	Σ	1996 2005 2006	n.a. 538 456
National electrical consumption, calculated to represent 100% of the national values	GWh	Σ	1996 2005 2006	n.a. 36083 35672
Consumption load 3:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1996 2005 2006	n.a. 4854 5004
Consumption load 11:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1996 2005 2006	n.a. 5814 6041
Highest load on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1996 2005 2006	n.a. 6222 6340
Time of highest load on the 3rd Wednesday		CET	1996 2005 2006	n.a. 19:00 20:00
Power produced in parallel operation on the 3rd Wednesday at 11:00 a.m.	MW	max.	1996 2005 2006	n.a. 6858 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").

Monthly values / Operation

Bulgaria ⁴

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.
2116	1889	1804	1664	1416	1049	1141	1146	1225	1398	1635	2173
2178	1967	1937	1677	1389	1266	1207	1272	1343	1313	1411	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.
1735	1859	1873	1371	1128	1559	1925	1655	1673	1989	2284	1892
2086	2046	1838	1208	1392	1589	1569	1727	1793	1654	1781	1797
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
393	423	541	404	550	568	292	336	247	237	260	413
584	350	515	606	430	486	305	252	212	218	300	239
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
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.
4244	4171	4218	3439	3094	3176	3358	3137	3145	3624	4179	4478
4848	4363	4290	3491	3211	3341	3081	3251	3348	3185	3492	4033
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
81	60	12	22	3	15	68	87	57	103	141	152
74	55	65	13	41	70	85	141	74	85	248	187
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	0	n.a.	n.a.	n.a.
693	767	767	640	530	673	725	542	576	695	877	892
875	867	863	732	528	760	703	866	667	567	647	800
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
-617	-713	-761	-621	-530	-663	-663	-460	-524	-597	-744	-749
-808	-820	-806	-725	-490	-693	-623	-730	-601	-487	-404	-619
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
43	38	39	38	47	21	43	48	47	63	49	62
41	13	37	31	35	18	34	36	39	56	53	63
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
3584	3420	3418	2780	2517	2492	2652	2629	2574	2964	3386	3667
3999	3530	3447	2735	2686	2630	2424	2485	2708	2642	3035	3351
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
4472	4854	4009	3295	2992	3004	3167	3040	3038	3723	3999	4682
4772	5004	4428	3310	3009	3166	3172	3295	3224	3561	4103	4351
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
5423	5166	4408	3852	3536	3639	3853	3754	4047	4729	5031	5814
5861	6041	5456	4043	3662	4004	3943	4062	4105	4622	4757	5650
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
5815	5563	5214	4239	4086	3999	4231	3949	4301	5467	5590	6222
6212	6340	5829	4479	4136	4264	4328	4386	4472	5470	5519	6029
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	20:00	22:00	22:00	23:00	23:00	21:00	20:00	20:00	20:00	19:00
19:00	20:00	20:00	21:00	22:00	23:00	23:00	22:00	20:00	20:00	19:00	20:00
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
6272	6390	5581	4767	4539	4684	4745	4427	4859	5327	6044	6858
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 including deliveries from industry

⁴ The values of production and consumption are gross values

			I-XII	
			1996	2005
Thermal nuclear net production	GWh	Σ	23681	22020
			2006	26244
Thermal conventional net production	GWh	Σ	1703	2207
			2006	2282
Hydraulic net production	GWh	Σ	29698	32759
			2006	32558
Other renewable net production ¹	GWh	Σ	932	1059
			2006	
- of which wind	GWh	Σ	6	6
			2006	
Not clearly identifiable net production ¹	GWh	Σ	0	0
			2006	
Total net electrical energy production, calculated to represent 100% of the national values	GWh	Σ	55082	57918
			2006 ³	62143
Physical import	GWh	Σ	22228	37298
			2006	32742
Physical export	GWh	Σ	22550	29828
			2006	29040
Total physical import/export balance ²	GWh	Σ	-946	7760
			2006	3800
Consumption of pumps	GWh	Σ	1754	2631
			2006	2720
National electrical consumption, calculated to represent 100% of the national values	GWh	Σ	52382	63047
			2006	63223
Consumption load 3:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	6607	7741
			2006	7717
Consumption load 11:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	8362	9724
			2006	10049
Highest load on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	8452	9724
			2006	10218
Time of highest load on the 3rd Wednesday		CET	10:00	11:00
			2006	10:00
Power produced in parallel operation on the 3rd Wednesday at 11:00 a.m.	MW	max.	9834	11032
			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").

Monthly values / Operation

Switzerland

I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
2295	2149	2270	2201	2213	1484	1538	1144	1898	2006	2206	2277
2414	2179	2292	1480	1246	754	1334	1051	2102	2406	2336	2426
2424	2186	2417	2331	2376	1559	2073	1510	2234	2388	2327	2419
193	214	148	124	117	99	92	89	121	143	173	190
199	195	183	171	174	173	180	179	170	187	186	210
212	215	210	178	180	172	182	186	180	177	199	191
2231	2424	1763	1704	2681	3354	3297	2910	2170	2128	2619	2417
2370	2753	2606	2506	3242	3751	3339	3134	2807	2157	2144	1950
1974	1971	2152	2202	3257	3487	3923	3095	3121	2673	2380	2323
84	82	78	72	73	73	76	75	72	79	79	89
98	100	97	83	84	80	84	87	83	82	92	89
1	1	1	0	0	0	0	0	0	1	1	1
1	1	1	0	0	0	0	0	0	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
4719	4787	4181	4029	5011	4937	4927	4143	4189	4277	4998	4884
5067	5209	5159	4229	4735	4751	4929	4439	5151	4829	4745	4675
4708	4472	4876	4794	5897	5298	6262	4878	5618	5320	4998	5022
2185	1968	2572	2072	1371	1213	1481	1585	1983	1991	1955	1852
3540	3223	3342	3530	2856	2710	2815	2754	2379	3234	3254	3661
3326	2966	3090	2725	1875	2303	1763	2220	2262	3019	3343	3850
1715	1757	1831	1841	2156	2093	2256	1588	1831	1724	1913	1845
2544	2795	2757	2558	2663	2361	2652	2163	2352	2613	2302	2068
1617	1708	1870	2372	2547	2475	2937	2096	2748	3019	2734	2917
412	169	668	167	-849	-946	-862	-95	90	209	-23	114
1006	437	598	986	349	360	175	603	39	641	963	1603
1717	1266	1228	361	-666	-163	-1165	131	-477	9	618	941
56	28	85	87	198	221	327	315	131	113	125	68
69	53	145	150	258	329	401	319	274	249	176	208
204	152	136	168	301	343	379	317	227	184	148	161
5075	4928	4764	4109	3964	3770	3738	3733	4148	4373	4850	4930
6004	5593	5612	5065	4826	4782	4703	4723	4916	5221	5532	6070
6221	5586	5968	4987	4930	4792	4718	4692	4914	5145	5468	5802
6186	6607	6033	5153	4314	4314	4033	4213	4649	4702	5769	5834
7365	7741	6730	6249	5469	5360	5111	5101	5751	5960	6494	7627
7533	7555	7717	5960	5354	5660	5281	5041	5499	5902	6270	7657
8324	8362	7637	7302	6970	7140	6547	7311	7370	7519	7850	7677
9514	9524	9076	8880	8551	8475	7827	7893	8609	8981	9035	9724
10049	9825	9530	8449	8351	8572	7902	8156	8556	8438	8915	9223
8324	8452	7637	7302	6970	7140	6547	7311	7370	7519	7869	7944
9514	9535	9076	8880	8617	8475	7827	7893	8609	8981	9116	9724
10049	10218	9530	8449	8351	8572	7902	8156	8556	8438	8968	9439
11:00	10:00	11:00	11:00	11:00	11:00	11:00	11:00	11:00	11:00	17:00	08:00
11:00	10:00	11:00	11:00	10:00	11:00	11:00	11:00	11:00	11:00	17:00	11:00
11:00	10:00	11:00	11:00	11:00	11:00	11:00	11:00	11:00	11:00	18:00	17:00
8624	9834	7288	7669	8547	9323	9224	7668	8498	8208	8492	8683
11032	11003	9084	8884	10064	9741	9383	7924	10528	9705	9930	9728
10053	9829	10124	8456	11184	10458	12015	8711	11226	10513	9066	9847

²Terminology 2.15, see also note Physical energy exchange in interconnected operation³including deliveries from industry

Physical exchanges in interconnected operation ¹

MM_YY	Export (-)					Import (+)					Total_IMP		CH_UCTE		CH_Total	
	CH→AT	CH→DE	CH→FR	CH→IT	UCTE_EXP	Total_EXP	AT→CH	DE→CH	FR→CH	IT→CH	UCTE_IMP	Total_IMP	Balance	Balance	Balance	Balance
I.96	26	384	4	1301	1715	1715	144	891	1150	0	2185	2185	470	470	470	470
II.96	95	358	33	1271	1757	1757	65	916	983	4	1968	1968	211	211	211	211
III.96	16	374	32	1409	1831	1831	196	1190	1182	4	2572	2572	741	741	741	741
IV.96	4	337	0	1500	1841	1841	220	873	979	0	2072	2072	231	231	231	231
V.96	31	441	3	1681	2156	2156	176	372	823	0	1371	1371	-785	-785	-785	-785
VI.96	23	301	13	1756	2093	2093	149	454	608	2	1213	1213	-880	-880	-880	-880
VII.96	51	408	8	1789	2256	2256	129	664	686	2	1481	1481	-775	-775	-775	-775
VIII.96	27	443	4	1114	1588	1588	223	523	839	0	1585	1585	-3	-3	-3	-3
IX.96	25	312	5	1489	1831	1831	203	856	923	1	1983	1983	152	152	152	152
X.96	17	432	7	1268	1724	1724	181	827	979	4	1991	1991	267	267	267	267
XI.96	23	442	6	1442	1913	1913	185	768	1001	1	1955	1955	42	42	42	42
XII.96	33	339	22	1451	1845	1845	155	816	879	2	1852	1852	7	7	7	7
1996	371	4571	137	17471	22550	22550	2026	9150	11032	20	22228	22228	-322	-322	-322	-322
I.05	12	34	255	2243	2544	2544	725	1864	951	0	3540	3540	996	996	996	996
II.05	0	38	327	2430	2795	2795	821	1797	605	0	3223	3223	428	428	428	428
III.05	0	68	268	2421	2757	2757	905	1650	787	0	3342	3342	585	585	585	585
IV.05	0	75	129	2354	2558	2558	899	1811	820	0	3530	3530	972	972	972	972
V.05	147	150	82	2284	2663	2663	752	1184	914	6	2856	2856	193	193	193	193
VI.05	0	104	237	2020	2361	2361	764	1135	804	7	2710	2710	349	349	349	349
VII.05	0	186	327	2139	2652	2652	730	1487	591	7	2815	2815	163	163	163	163
VIII.05	34	286	90	1753	2163	2163	516	1424	807	7	2754	2754	591	591	591	591
IX.05	4	218	179	1951	2352	2352	606	1014	751	8	2379	2379	27	27	27	27
X.05	0	155	80	2378	2613	2613	856	1313	1059	6	3234	3234	621	621	621	621
XI.05	14	145	186	1957	2302	2302	637	1523	1078	16	3254	3254	952	952	952	952
XII.05	0	114	477	1477	2068	2068	908	1872	807	74	3661	3661	1593	1593	1593	1593
2005	211	1573	2637	25407	29828	29828	9119	18074	9974	131	37298	37298	7470	7470	7470	7470
I.06	0	120	439	1058	1617	1617	754	1639	784	149	3326	3326	1709	1709	1709	1709
II.06	0	110	509	1089	1708	1708	687	1523	627	129	2966	2966	1258	1258	1258	1258
III.06	1	92	365	1412	1870	1870	696	1426	870	98	3090	3090	1220	1220	1220	1220
IV.06	1	202	5	2164	2372	2372	613	961	1151	0	2725	2725	353	353	353	353
V.06	11	438	36	2062	2547	2547	374	539	960	2	1875	1875	-672	-672	-672	-672
VI.06	0	234	62	2179	2475	2475	694	962	642	5	2303	2303	-172	-172	-172	-172
VII.06	28	520	271	2118	2937	2937	511	698	525	29	1763	1763	-1174	-1174	-1174	-1174
VIII.06	20	292	28	1756	2096	2096	489	698	1031	2	2220	2220	124	124	124	124
IX.06	12	406	100	2230	2748	2748	486	807	968	1	2262	2262	-486	-486	-486	-486
X.06	1	208	72	2738	3019	3019	615	1207	1192	5	3019	3019	0	0	0	0
XI.06	5	202	55	2472	2734	2734	610	1377	1355	1	3343	3343	609	609	609	609
XII.06	3	93	214	2607	2917	2917	775	1857	1217	1	3850	3850	933	933	933	933
2006	82	2917	2156	23885	29040	29040	7304	13694	11322	422	32742	32742	3702	3702	3702	3702

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	Export (-)										Import (+)							Balance		CS_Total
	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	
I.96	0	0	0	0	0	2	0	0	2	0	5	0	53	0	44	8	0	110	0	108
II.96	0	0	0	0	0	8	4	0	12	0	134	0	76	0	26	10	0	246	0	234
III.96	0	0	0	0	0	68	1	0	69	0	78	0	94	0	2	168	0	342	0	273
IV.96	0	5	0	16	0	78	9	0	108	0	1	0	0	0	4	122	0	127	0	19
V.96	0	67	0	5	0	90	0	0	162	0	8	0	0	0	2	0	0	10	0	-152
VI.96	0	40	0	11	0	110	2	0	163	0	8	0	0	0	0	119	0	127	0	-36
VII.96	0	2	0	0	0	40	7	0	49	0	74	0	12	0	12	55	0	153	0	104
VIII.96	0	23	0	0	0	47	16	0	86	0	29	0	42	0	6	32	0	109	0	23
IX.96	0	8	0	0	0	20	2	0	30	0	80	0	0	0	45	63	0	188	0	158
X.96	0	2	0	0	0	0	7	0	9	0	117	0	0	0	102	85	0	304	0	295
XI.96	0	0	0	9	0	7	6	0	22	0	87	0	1	0	43	90	0	221	0	199
XII.96	0	0	0	12	0	12	21	0	45	0	114	0	13	0	61	116	0	304	0	259
1996	0	147	0	53	0	482	75	0	757	0	735	0	291	0	347	868	0	2131	0	1374
I.05	82	0	377	0	234	0	7	693	700	93	262	0	175	0	280	78	810	888	117	188
II.05	100	0	371	0	164	0	0	635	635	45	327	0	198	0	304	112	874	986	239	351
III.05	80	0	380	2	129	0	1	591	592	67	283	0	90	0	241	102	681	783	90	191
IV.05	51	0	318	6	124	0	7	499	506	54	218	0	100	0	187	63	559	622	60	116
V.05	59	0	265	0	212	8	2	544	546	42	229	0	129	0	51	77	451	528	-93	-18
VI.05	133	0	300	0	171	2	7	606	613	20	210	0	140	0	98	61	468	529	-138	-84
VII.05	44	0	299	0	200	13	18	556	574	77	205	1	132	0	115	44	530	574	-26	0
VIII.05	34	0	284	0	177	7	8	502	510	142	89	0	181	0	138	25	550	575	48	65
IX.05	72	0	328	3	133	0	12	536	548	59	116	0	99	1	164	55	439	494	-97	-54
X.05	70	4	374	3	78	3	26	532	558	100	154	0	90	0	213	48	557	605	25	47
XI.05	123	0	440	2	182	0	39	747	786	86	312	0	124	0	348	31	870	901	123	115
XII.05	63	0	402	0	186	0	66	651	717	108	355	1	235	0	364	15	1063	1078	412	361
2005	911	4	4138	16	1990	33	193	7092	7285	893	2760	2	1693	1	2503	711	7852	8563	760	1278
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".

				I-XII
Thermal nuclear net production	GWh	Σ	1996 2005 2006	n.a. 0 0
Thermal conventional net production	GWh	Σ	1996 2005 2006	n.a. 27468 28755
Hydraulic net production	GWh	Σ	1996 2005 2006	n.a. 13879 12494
Other renewable net production ¹	GWh	Σ	2005 2006	0 0
- of which wind	GWh	Σ	2005 2006	0 0
Not clearly identifiable net production ¹	GWh	Σ	2005 2006	0 0
Total net electrical energy production, calculated to represent 100% of the national values	GWh	Σ	1996 2005 ³ 2006 ³	n.a. 41347 41249
Physical import	GWh	Σ	1996 2005 2006	n.a. 8563 9739
Physical export	GWh	Σ	1996 2005 2006	n.a. 7285 7789
Total physical import/export balance ²	GWh	Σ	1996 2005 2006	n.a. 1247 1844
Consumption of pumps	GWh	Σ	1996 2005 2006	n.a. 962 831
National electrical consumption, calculated to represent 100% of the national values	GWh	Σ	1996 2005 2006	n.a. 41632 42262
Consumption load 3:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1996 2005 2006	n.a. 5308 5534
Consumption load 11:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1996 2005 2006	n.a. 6734 6721
Highest load on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1996 2005 2006	n.a. 7126 7047
Time of highest load on the 3rd Wednesday		CET	1996 2005 2006	n.a. 18:00 19:00
Power produced in parallel operation on the 3rd Wednesday at 11:00 a.m.	MW	max.	1996 2005 2006	n.a. 6401 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").

Monthly values / Operation

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
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.
2891	2655	2622	1944	1574	1687	1876	1939	2087	2444	2868	2881
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.
1266	1215	1361	1311	1481	1175	991	929	911	981	983	1275
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
0	0	0	0	0	0	0	0	0	0	0	0
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.
4157	3870	3983	3255	3055	2862	2867	2868	2998	3425	3851	4156
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.
888	986	783	622	528	529	574	575	494	605	901	1078
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.	0	n.a.	n.a.	n.a.
700	635	592	506	546	613	574	510	548	558	786	717
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.
186	350	191	114	-19	-88	0	57	-56	38	114	360
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.
60	73	111	142	124	12	57	109	92	48	34	100
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.
4283	4147	4063	3227	2912	2762	2810	2816	2850	3415	3931	4416
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.
5151	5078	4484	3487	2862	2852	2889	2825	2925	3968	4408	5308
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.
6287	6616	5578	5066	4336	4206	4181	4249	4573	5488	5652	6734
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.
6894	7010	6275	5541	4799	4885	4665	4574	5112	6222	6058	7126
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	20:00	21:00	22:00	22:00	22:00	21:00	20:00	20:00	19:00	18:00
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.
6401	5719	5292	4732	4354	4121	4080	4119	4692	5631	5473	6107
6212	5909	6442	4909	4327	4789	4498	4084	4475	4972	4994	5867

²Terminology 2.15, see also note Physical energy exchange in interconnected operation³including deliveries from industry

			I-XII	
			1996	n.a.
Thermal nuclear net production	GWh	Σ	2005 2006	23255 24499
Thermal conventional net production	GWh	Σ	1996 2005 2006	n.a. 49861 49972
Hydraulic net production	GWh	Σ	1996 2005 2006	n.a. 3016 3244
Other renewable net production ¹	GWh	Σ	2005 2006	62 175
- of which wind	GWh	Σ	2005 2006	22 49
Not clearly identifiable net production ¹	GWh	Σ	2005 2006	0 0
Total net electrical energy production, calculated to represent 100% of the national values	GWh	Σ	1996 2005 ³ 2006 ³	n.a. 76194 77890
Physical import	GWh	Σ	1996 2005 2006	n.a. 12344 11463
Physical export	GWh	Σ	1996 2005 2006	n.a. 24971 24092
Total physical import/export balance ²	GWh	Σ	1996 2005 2006	n.a. -12634 -12632
Consumption of pumps	GWh	Σ	1996 2005 2006	n.a. 867 950
National electrical consumption, calculated to represent 100% of the national values	GWh	Σ	1996 2005 2006	n.a. 62693 64308
Consumption load 3:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1996 2005 2006	n.a. 7943 8353
Consumption load 11:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1996 2005 2006	n.a. 9339 9722
Highest load on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1996 2005 2006	n.a. 9576 10095
Time of highest load on the 3rd Wednesday		CET	1996 2005 2006	n.a. 13:00 17:00
Power produced in parallel operation on the 3rd Wednesday at 11:00 a.m.	MW	max.	1996 2005 2006	n.a. 11399 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").

Monthly values / Operation

Czech Republic

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.
2552	2287	2235	1141	1730	1665	2087	1721	1532	2052	2063	2190
1985	2301	2383	2313	2355	1882	1780	2025	1732	1578	1887	2278
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
4354	4149	4570	4744	4078	3829	3161	3875	3934	4086	4319	4762
5262	4242	4568	3252	3269	3725	3836	3620	4011	4693	4813	4681
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
250	281	340	327	270	167	255	294	239	219	184	190
242	184	270	495	341	264	297	300	195	204	230	222
5	4	4	4	4	4	4	4	5	8	8	8
13	11	14	13	14	12	11	14	17	17	20	19
3	1	2	1	1	1	2	1	2	3	2	3
3	2	3	2	3	2	2	4	6	6	9	7
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.
7161	6721	7149	6216	6082	5665	5507	5894	5710	6365	6574	7150
7502	6738	7235	6073	5979	5883	5924	5959	5955	6492	6950	7200
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
1215	1124	1110	934	779	762	795	667	888	1213	1450	1407
1392	1209	1131	897	863	633	602	580	712	992	1179	1273
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	0	n.a.	n.a.	n.a.
2239	2042	2275	2063	1989	1873	1878	1999	1852	2246	2131	2384
2153	1987	2097	1792	1910	1757	1900	1767	1861	2068	2246	2554
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
-1024	-917	-1164	-1132	-1211	-1112	-1083	-1332	-971	-1033	-679	-976
-764	-776	-966	-894	-1050	-1125	-1299	-1187	-1149	-1075	-1067	-1280
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
95	68	69	71	50	35	65	83	85	78	79	89
97	80	79	56	57	34	84	84	82	91	108	98
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
6042	5736	5916	5013	4821	4518	4359	4479	4654	5254	5816	6085
6641	5882	6190	5123	4872	4724	4541	4688	4724	5326	5775	5822
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
7725	7943	7366	6092	5928	5721	5404	5490	5859	6655	7048	7525
8353	8066	8009	6464	5898	5926	5687	5639	5848	6630	6906	7389
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
9166	9339	8468	7930	7791	7400	7100	7280	7691	8339	8891	9034
9722	9542	9383	7807	7685	7652	7484	7313	7636	8159	8434	9133
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
9483	9576	8814	8000	8020	7546	7270	7345	7782	8661	9343	9424
10095	9690	9448	7927	7802	7732	7670	7412	7908	8587	9139	9563
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	13:00	19:00	13:00	13:00	13:00	13:00	13:00	09:00	19:00	17:00	17:00
17:00	15:00	13:00	09:00	13:00	13:00	12:00	13:00	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.
11079	11399	10545	9863	9606	9624	8659	9138	9103	10495	10662	10846
11597	11538	11456	9582	9630	9380	9656	9523	9873	10049	10115	11326

²Terminology 2.15, see also note Physical energy exchange in interconnected operation³including deliveries from industry

Physical exchanges in interconnected operation ¹ Czech Republic GWh

MM_YY	Export (-)						Import (+)						Balance	
	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
I.96	363	230	n.a.	n.a.	593	n.a.	0	109	n.a.	n.a.	109	n.a.	-484	n.a.
II.96	318	211	n.a.	n.a.	529	n.a.	0	309	n.a.	n.a.	309	n.a.	-220	n.a.
III.96	317	318	n.a.	n.a.	635	n.a.	0	371	n.a.	n.a.	371	n.a.	-264	n.a.
IV.96	139	314	n.a.	n.a.	453	n.a.	0	205	n.a.	n.a.	205	n.a.	-248	n.a.
V.96	117	325	n.a.	n.a.	442	n.a.	3	74	n.a.	n.a.	77	n.a.	-365	n.a.
VI.96	100	334	n.a.	n.a.	434	n.a.	0	66	n.a.	n.a.	66	n.a.	-368	n.a.
VII.96	81	232	n.a.	n.a.	313	n.a.	2	54	n.a.	n.a.	56	n.a.	-257	n.a.
VIII.96	13	230	n.a.	n.a.	243	n.a.	2	5	n.a.	n.a.	7	n.a.	-236	n.a.
IX.96	141	274	n.a.	n.a.	415	n.a.	0	12	n.a.	n.a.	12	n.a.	-403	n.a.
X.96	199	134	n.a.	n.a.	333	n.a.	16	98	n.a.	n.a.	114	n.a.	-219	n.a.
XI.96	214	136	n.a.	n.a.	350	n.a.	12	111	n.a.	n.a.	123	n.a.	-227	n.a.
XII.96	225	215	n.a.	n.a.	440	n.a.	2	61	n.a.	n.a.	63	n.a.	-377	n.a.
1996	2227	2953	n.a.	n.a.	5180	n.a.	37	1475	n.a.	n.a.	1512	n.a.	-3668	n.a.
I.05	755	935	2	547	2239	2239	0	69	1091	55	1215	1215	-1024	-1024
II.05	554	976	2	510	2042	2042	0	51	1024	49	1124	1124	-918	-918
III.05	501	1232	4	538	2275	2275	1	28	1046	35	1110	1110	-1165	-1165
IV.05	510	1093	3	457	2063	2063	0	4	887	43	934	934	-1129	-1129
V.05	376	1130	10	473	1989	1989	1	0	768	10	779	779	-1210	-1210
VI.05	313	1138	8	414	1873	1873	3	0	710	49	762	762	-1111	-1111
VII.05	260	1100	10	508	1878	1878	0	20	720	55	795	795	-1083	-1083
VIII.05	494	1116	14	375	1999	1999	3	0	552	112	667	667	-1332	-1332
IX.05	481	1007	4	360	1852	1852	2	6	801	79	888	888	-964	-964
X.05	621	1147	4	474	2246	2246	1	26	1097	89	1213	1213	-1033	-1033
XI.05	583	1017	1	530	2131	2131	0	92	1253	105	1450	1450	-681	-681
XII.05	666	1131	1	586	2384	2384	1	109	1216	81	1407	1407	-977	-977
2005	6114	13022	63	5772	24971	24971	12	405	11165	762	12344	12344	-12627	-12627
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

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".

Germany GWh

Physical exchanges in interconnected operation ¹

MM_YY	Export (+)												Import (+)												Balance	
	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
I.96	621	891	109	0	376	1092	378	n.a.	6	14	2980	3487	266	384	230	1639	48	14	187	n.a.	444	8	2351	3220	-629	-267
II.96	526	916	309	0	372	1039	396	n.a.	18	66	2853	3642	276	358	211	1545	56	117	159	n.a.	550	2	2352	3274	-501	-368
III.96	790	1190	371	0	387	1148	322	n.a.	13	84	3515	4305	240	374	318	1587	63	136	125	n.a.	556	4	2400	3403	-1115	-902
IV.96	739	873	205	0	356	1054	342	n.a.	113	99	3022	3781	230	337	314	1365	64	134	129	n.a.	389	6	2130	2968	-892	-813
V.96	512	372	74	9	361	1166	385	n.a.	133	144	2420	3156	286	441	325	1124	71	99	169	n.a.	275	0	2021	2790	-399	-366
VI.96	477	454	66	1	331	1201	396	n.a.	330	109	2464	3365	292	301	334	1255	61	136	157	n.a.	152	3	2045	2691	-419	-674
VII.96	480	664	54	0	334	1114	289	n.a.	129	52	2592	3116	282	408	232	1251	73	114	124	n.a.	146	28	2128	2658	-464	-458
VIII.96	519	523	5	1	314	1101	279	n.a.	289	87	2458	3118	283	443	230	1268	77	217	64	n.a.	152	0	2288	2734	-170	-384
IX.96	542	856	12	0	355	1087	349	n.a.	67	89	2840	3357	279	312	274	1340	83	222	66	n.a.	307	0	2236	2883	-604	-474
X.96	446	827	98	0	358	1202	315	n.a.	43	55	2833	3344	420	432	134	1481	67	183	114	n.a.	255	0	2583	3086	-250	-258
XI.96	504	768	111	0	366	1181	300	n.a.	78	68	2819	3376	278	442	136	1424	74	139	147	n.a.	213	16	2357	2869	-462	-507
XII.96	595	816	61	21	216	1381	283	n.a.	213	165	3029	3751	232	339	215	1404	72	130	127	n.a.	208	0	2177	2727	-852	-1024
1996	6751	9150	1475	32	4126	13766	4034	n.a.	1432	1032	33825	41798	3364	4571	2953	16683	809	1641	1568	n.a.	3647	67	27068	35303	-6757	-6495
I.05	1639	1864	69	8	431	2097	361	3	36	61	6469	6569	448	34	935	1009	66	0	3	698	224	288	2495	3705	-3974	-2864
II.05	1475	1797	51	130	405	1969	247	0	10	12	6074	6096	455	38	976	698	63	2	17	734	320	306	2249	3609	-3825	-2487
III.05	1577	1650	28	214	436	2171	204	59	35	67	6280	6441	545	68	1232	770	69	1	46	669	243	199	2731	3842	-3549	-2599
IV.05	1323	1811	4	15	400	2080	142	31	17	38	5775	5861	637	75	1093	1137	60	0	45	641	295	286	3047	4269	-2728	-1592
V.05	1019	1184	0	0	405	1143	99	78	40	70	3850	4038	680	150	1130	2067	67	17	95	522	232	0	4206	4960	356	922
VI.05	1029	1135	0	11	404	1012	41	18	11	19	3632	3680	734	104	1138	1779	61	60	230	554	314	309	4106	5283	474	1603
VII.05	1065	1487	20	5	421	1081	135	2	5	4	4214	4225	753	186	1100	1412	69	61	118	361	342	389	3699	4791	-515	566
VIII.05	858	1424	0	14	389	959	89	78	43	58	3733	3912	704	286	1116	2364	64	72	167	410	259	232	4773	5674	1040	1762
IX.05	985	1014	6	1	412	942	66	12	4	9	3426	3451	533	218	1007	1735	56	103	219	537	155	279	3871	4842	445	1391
X.05	1277	1313	26	16	433	1615	241	33	17	40	4921	5011	497	155	1147	1219	66	4	69	481	304	269	3157	4211	-1764	-800
XI.05	1343	1523	92	33	445	1890	240	8	3	15	5566	5592	514	145	1017	1281	72	3	27	740	332	300	3059	4431	-2507	-1161
XII.05	1781	1872	109	47	452	2301	401	17	23	44	6963	7047	495	114	1131	762	72	2	10	736	280	243	2586	3845	-4377	-3202
2005	15371	18074	405	494	5033	19260	2266	339	244	437	60903	61923	6995	1573	13022	16233	785	325	1046	7083	3300	3100	39979	53462	-20924	-8461
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

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 1996 with the whole Denmark

			I-XII	
			1996	1996
Thermal nuclear net production	GWh	Σ	2005	154531
			2006	158725
Thermal conventional net production	GWh	Σ	1996	306127
			2005	357573
			2006	359126
Hydraulic net production	GWh	Σ	1996	19084
			2005	23586
			2006	23997
Other renewable net production ¹	GWh	Σ	2005	38382
			2006	45964
- of which wind	GWh	Σ	2005	28881
			2006	32295
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	1996 ³	554773
			2005 ³	574072
			2006 ³	587812
Physical import	GWh	Σ	1996	35303
			2005	53462
			2006	46140
Physical export	GWh	Σ	1996	41798
			2005	61923
			2006	65912
Total physical import/export balance ²	GWh	Σ	1996	-5441
			2005	-8475
			2006	-19771
Consumption of pumps	GWh	Σ	1996	5568
			2005	9226
			2006	8963
National electrical consumption, calculated to represent 100% of the national values	GWh	Σ	1996	543764
			2005	556371
			2006	559078
Consumption load 3:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1996	62577
			2005	58901
			2006	59000
Consumption load 11:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1996	80342
			2005	79670
			2006	78574
Highest load on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1996	80672
			2005	82527
			2006	80750
Time of highest load on the 3rd Wednesday		CET	1996	12:00
			2005	19:00
			2006	19:00
Power produced in parallel operation on the 3rd Wednesday at 11:00 a.m.	MW	max.	1996	80800
			2005	79700
			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").

Monthly values / Operation

Germany

I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
14129	11956	12287	11876	11581	11289	11846	12325	12489	12953	14188	14989
15072	13483	14728	13244	11350	10822	11423	11848	12357	13422	12749	14033
15228	13773	14559	13467	11702	12639	12731	12444	13273	13593	12129	13187
30055	30043	30193	24670	23532	21786	21795	21171	23194	25709	26001	27978
31026	32703	32636	29486	26930	27703	28033	25710	25755	29174	33481	34936
35742	34905	35223	27785	25963	27193	28632	26089	25565	28275	31737	32017
1431	1141	1304	1442	1766	1672	1774	1692	1667	1744	1722	1729
1835	1744	2030	2203	2470	2105	2189	2111	1868	1778	1546	1707
1644	1596	1955	2311	2476	2255	1981	2236	1959	1934	1801	1849
6574	3995	3425	2443	2326	2093	2404	2398	2479	3253	3218	3774
4481	3007	3596	3151	4007	2133	1990	3164	3348	4870	5983	6234
5907	3328	2758	1732	1615	1398	1525	1519	1601	2337	2302	2859
3677	2203	2701	2152	3008	1130	929	1943	2173	3172	4477	4730
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
53039	50161	50911	44171	42881	40402	41179	40915	43429	46982	48732	51971
54507	51925	52819	47376	43076	42723	44049	42067	42459	47627	50994	54450
57095	53281	55333	46714	44148	44220	45334	43933	44145	48672	51650	53287
3220	3274	3403	2968	2790	2691	2658	2734	2883	3086	2869	2727
3705	3609	3842	4269	4960	5283	4791	5674	4842	4211	4431	3845
3472	3165	3341	3900	4310	4174	4495	4574	3833	3807	3899	3170
3487	3642	4305	3781	3156	3365	3116	3118	3357	3344	3376	3751
6569	6096	6441	5861	4038	3680	4225	3912	3451	5011	5592	7047
6901	6564	6835	5269	4236	4603	3918	4081	4240	5624	6075	7566
-186	-330	-935	-778	-248	-544	-340	-275	-341	-162	-397	-905
-2864	-2487	-2599	-1592	922	1603	566	1762	1391	-800	-1161	-3216
-3429	-3399	-3494	-1369	74	-429	578	493	-407	-1817	-2176	-4396
432	381	422	436	505	462	478	492	514	511	472	463
716	672	753	710	758	728	810	819	769	793	770	928
775	758	698	604	657	613	688	781	812	857	857	863
52421	49450	49554	42957	42128	39396	40361	40148	42574	46309	47863	50603
50927	48766	49467	45074	43240	43598	43805	43010	43081	46034	49063	50306
52891	49124	51141	44741	43565	43178	45224	43645	42926	45998	48617	48028
59951	62577	56582	49506	45206	40972	39264	40259	44609	45457	54275	55711
56813	58461	50879	45934	46813	46263	46593	42527	48351	48351	53406	58901
59000	57962	58551	48761	46237	47581	46428	43526	46990	49971	52519	54652
80342	77522	75171	72043	72698	70255	66194	69369	72728	75863	77380	79448
77692	77472	73296	74615	73626	73076	73846	71208	74505	76813	79450	79670
78574	78274	74828	70979	71639	72945	70976	68708	72201	74903	75537	76834
80672	79621	75171	72139	73551	71305	67397	70236	73678	76790	78788	80432
80329	82527	78351	75384	74945	74505	74945	72967	75714	78791	82527	80879
80379	80750	77549	72187	73208	74179	72502	70660	73782	76385	80093	80230
12:00	12:00	11:00	12:00	12:00	12:00	12:00	12:00	12:00	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
80400	78000	76000	73500	72700	70600	66000	69300	72900	75400	78200	80800
77700	77500	73300	74600	73600	73100	73800	71200	74500	76800	79500	79700
78600	78300	74800	71000	71600	72900	71000	68700	72200	74900	72300	76800

²Terminology 2.15, see also note Physical energy exchange in interconnected operation³including deliveries from industry

				I-XII
Thermal nuclear net production	GWh	Σ	1996 2005 2006	54112 54978 57413
Thermal conventional net production	GWh	Σ	1996 2005 2006	61574 152481 149221
Hydraulic net production	GWh	Σ	1996 2005 2006	41020 22494 29017
Other renewable net production ¹	GWh	Σ	2005 2006	24508 26556
- of which wind	GWh	Σ	2005 2006	17343 22632
Not clearly identifiable net production ¹	GWh	Σ	2005 2006	0 0
Total net electrical energy production, calculated to represent 100% of the national values	GWh	Σ	1996 ³ 2005 ³ 2006 ³	166689 260468 268221
Physical import	GWh	Σ	1996 2005 2006	6768 10201 9120
Physical export	GWh	Σ	1996 2005 2006	5823 11124 11859
Total physical import/export balance ²	GWh	Σ	1996 2005 2006	1061 -1343 -3280
Consumption of pumps	GWh	Σ	1996 2005 2006	1522 6360 5262
National electrical consumption, calculated to represent 100% of the national values	GWh	Σ	1996 2005 2006	166228 252765 259679
Consumption load 3:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1996 2005 2006	17396 27948 27472
Consumption load 11:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1996 2005 2006	24893 38615 40658
Highest load on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1996 2005 2006	26495 40972 42744
Time of highest load on the 3rd Wednesday		CET	1996 2005 2006	21:00 19:00 19:00
Power produced in parallel operation on the 3rd Wednesday at 11:00 a.m.	MW	max.	1996 2005 2006	24445 38187 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").

Monthly values / Operation

Spain

I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
5196	4737	4831	4446	5117	3774	3664	3673	3886	4866	4596	5326
5569	4878	4409	3780	3627	3798	3906	4533	5123	4712	5175	5468
5415	4878	5064	3540	4309	4847	4797	5167	4316	4633	5072	5375
3101	3465	4951	3516	3292	5774	7204	6669	6553	6323	6436	4290
13089	12454	12887	11049	11651	13430	14635	12303	12669	12345	12694	13275
14955	13565	11560	10080	11937	13116	15702	11901	14029	11817	10302	10257
6338	5746	3692	3831	3953	3016	2383	1616	1841	1859	2318	4427
1941	1828	2131	2396	2607	2243	1775	1421	1167	1188	1709	2088
2041	1563	3245	2902	2331	1747	1853	1305	1444	1991	3313	5282
2187	2022	2116	2256	1836	1547	1915	1942	1590	2163	2262	2672
1869	2232	3121	2299	1995	1711	1501	2504	1785	2636	2560	2343
1873	1700	1677	1783	1388	1140	1167	1210	925	1346	1401	1733
1518	1911	2772	1954	1664	1367	1169	2164	1452	2301	2231	2129
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
15567	14837	14333	12544	13150	13364	14095	12720	13063	13879	14200	14937
23306	21674	22053	19941	20178	21515	22784	20682	21025	20904	22352	24054
24841	22775	23512	19254	21046	21917	24418	21377	22102	21581	21700	23698
490	370	511	531	452	679	816	745	577	507	584	506
1371	1094	941	847	970	946	954	696	553	571	480	778
811	591	498	802	896	731	684	986	787	858	685	791
506	595	394	289	270	592	472	447	515	622	594	527
1015	743	842	755	789	745	899	849	1028	1195	1124	1140
1119	1128	1247	743	740	980	1041	895	1060	1067	930	909
-23	-229	96	235	175	297	338	289	54	-123	-16	-32
296	300	51	69	176	176	32	-175	-495	-663	-690	-420
-365	-584	-799	42	19	-262	-378	63	-311	-237	-285	-183
761	190	30	34	44	73	66	12	23	39	70	180
553	433	493	451	644	635	693	446	520	483	455	554
575	520	368	300	306	360	497	388	487	542	542	377
14783	14418	14399	12745	13281	13588	14367	12997	13094	13717	14114	14725
23049	21541	21611	19559	19710	21056	22123	20061	20010	19758	21207	23080
23901	21671	22345	18996	20759	21295	23543	21052	21304	20802	20873	23138
16135	16967	15909	15117	14954	16341	16193	14640	15282	15546	17396	17044
27450	26836	24645	23292	22154	23553	24785	22170	22013	21244	25097	27948
26458	25689	25104	22540	22895	24948	26288	20473	23156	22869	22622	27472
23361	24893	22609	21395	19822	22635	22830	19435	21563	21387	23953	23911
38452	36950	33941	32389	31512	33054	36115	30025	31395	31324	35520	38615
38040	36909	34490	32957	34820	35904	39107	28824	34839	34135	34266	40658
24712	26495	23644	21651	20158	23695	23787	20045	21989	21460	25993	25472
39989	39826	35191	33512	31886	34627	39125	32575	33803	33197	37109	40972
38800	38188	35358	33518	35562	37628	40278	29855	35534	35016	36386	42744
20:00	21:00	21:00	12:00	23:00	13:00	13:00	13:00	13:00	12:00	20:00	19:00
20:00	21:00	21:00	22:00	13:00	13:00	18:00	14:00	22:00	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
21824	24445	21092	19985	18832	21270	21523	18116	20638	20196	22372	22135
37220	36032	33232	32224	31142	32032	35225	29694	31353	31387	36205	38187
37340	36103	36934	31180	33158	36364	37725	28835	33301	34682	33621	40562

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

³including deliveries from industry

Physical exchanges in interconnected operation ¹

Spain GWh

MM_YY	Export (-)				Import (+)				Balance			
	ES→FR	ES→PT	ES→MA	UCTE_EXP	Total_EXP	FR→ES	PT→ES	MA→ES	UCTE_IMP	Total_IMP	ES_UCTE	ES_Total
I.96	207	272	0	479	479	186	304	0	490	490	11	11
II.96	329	253	0	582	582	107	263	0	370	370	-212	-212
III.96	173	209	0	382	382	295	216	0	511	511	129	129
IV.96	84	200	0	284	284	325	206	0	531	531	247	247
V.96	101	165	0	266	266	273	179	0	452	452	186	186
VI.96	295	293	0	588	588	375	304	0	679	679	91	91
VII.96	77	392	0	469	469	416	400	0	816	816	347	347
VIII.96	58	380	0	438	438	354	391	0	745	745	307	307
IX.96	65	434	0	499	499	343	234	0	577	577	78	78
X.96	85	526	0	611	611	393	114	0	507	507	-104	-104
XI.96	78	503	0	581	581	401	183	0	584	584	3	3
XII.96	112	403	0	515	515	295	211	0	506	506	-9	-9
1996	1664	4030	0	5694	5694	3763	3005	0	6768	6768	1074	1074
I.05	8	942	65	950	1015	948	409	14	1357	1371	407	356
II.05	30	682	31	712	743	741	338	15	1079	1094	367	351
III.05	52	742	48	794	842	645	281	15	926	941	132	99
IV.05	35	683	37	718	755	646	188	13	834	847	116	92
V.05	9	716	64	725	789	803	158	9	961	970	236	181
VI.05	32	677	36	709	745	715	216	15	931	946	222	201
VII.05	77	782	40	859	899	677	267	10	944	954	85	55
VIII.05	30	659	160	689	849	578	117	1	695	696	6	-153
IX.05	56	858	114	914	1028	402	148	3	550	553	-364	-475
X.05	113	931	151	1044	1195	419	150	2	569	571	-475	-624
XI.05	126	894	104	1020	1124	295	181	4	476	480	-544	-644
XII.05	181	911	48	1092	1140	415	353	10	768	778	-324	-362
2005	749	9477	898	10226	11124	7284	2806	111	10090	10201	-136	-923
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

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

France GWh

MM_YY	Export (-)										Import (+)								FR_UCTE	FR_Total																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
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	FR→BE	FR→CH	FR→DE	FR→ES	FR→IT	FR→GB	UCTE_EXP	UCTE_IMP																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					

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".

France

Monthly values / Operation

				I-XII
Thermal nuclear net production	GWh	Σ	1996 2005 2006	378215 429978 428674
Thermal conventional net production	GWh	Σ	1996 2005 2006	37801 58956 53952
Hydraulic net production	GWh	Σ	1996 2005 2006	65641 55983 60927
Other renewable net production ¹	GWh	Σ	2005 2006	4321 5521
- of which wind	GWh	Σ	2005 2006	992 2222
Not clearly identifiable net production ¹	GWh	Σ	2005 2006	0 0
Total net electrical energy production, calculated to represent 100% of the national values	GWh	Σ	1996 2005 2006	486522 549238 549074
Physical import	GWh	Σ	1996 2005 2006	3338 7595 8079
Physical export	GWh	Σ	1996 2005 2006	71353 66248 69868
Total physical import/export balance ²	GWh	Σ	1996 2005 2006	-69118 -60248 -63272
Consumption of pumps	GWh	Σ	1996 2005 2006	5836 6590 7442
National electrical consumption, calculated to represent 100% of the national values	GWh	Σ	1996 2005 2006	410812 482400 478360
Consumption load 3:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1996 2005 2006	58814 66631 65988
Consumption load 11:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1996 2005 2006	62576 80254 76392
Highest load on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1996 2005 2006	65144 82319 80966
Time of highest load on the 3rd Wednesday		CET	1996 2005 2006	19:00 19:00 19:00
Power produced in parallel operation on the 3rd Wednesday at 11:00 a.m.	MW	max.	1996 2005 2006	71192 80237 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").

Monthly values / Operation

France

I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
36781	34014	34341	31693	28810	26220	28557	28291	29290	32395	33218	34605
42475	36432	36777	33286	33345	32848	32109	33133	33410	35715	38395	42053
42769	35119	35324	35880	33950	32835	32901	32699	33832	35707	37250	40408
3390	4835	4010	2780	2283	2648	2499	932	2665	3577	3907	4275
6654	7413	7514	4032	2662	2886	3288	1997	3105	3703	7175	8527
8595	8081	7809	2003	1530	2191	2824	1884	2718	3077	6294	6946
6637	6207	5354	4403	6055	5843	5223	4196	3945	4320	5667	7791
4973	5323	5024	5994	6182	4945	4129	3624	3849	3752	3862	4326
4186	4566	6511	6972	6765	5093	4386	3950	4296	4988	4080	5134
414	360	385	326	363	307	372	341	310	339	389	415
442	429	495	393	453	331	342	474	405	503	614	640
101	82	67	69	72	53	74	77	57	103	107	130
138	149	203	156	176	105	98	197	155	235	295	315
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
47281	45511	44146	39269	37523	35062	36645	33757	36263	40699	43224	47142
54516	49528	49700	43638	42552	40986	39898	39095	40674	43509	49821	55321
55992	48195	50139	45248	42698	40450	40453	39007	41251	44275	48238	53128
368	545	454	217	199	440	232	134	162	142	173	272
765	1233	1101	562	232	441	702	275	390	296	502	1096
1206	1883	1490	148	111	264	656	153	257	263	464	1184
6506	5781	6315	5913	5609	5557	5697	5746	5711	6328	6186	6004
5476	3973	4762	4901	6778	6205	5155	6929	5974	6073	5797	4225
3858	2671	3904	7239	7197	6064	5472	7114	7127	7460	6809	4953
-6216	-5383	-5878	-5769	-5477	-5399	-5447	-5682	-5649	-6291	-6082	-5845
-4841	-2895	-3769	-4476	-6677	-5881	-4583	-6766	-5711	-5886	-5447	-3316
-2782	-937	-2556	-7222	-7195	-5919	-4959	-7091	-6962	-7307	-6454	-3888
477	401	446	508	490	473	482	429	403	586	609	532
573	449	616	511	557	524	501	446	484	719	600	610
755	624	696	602	706	529	560	526	522	663	577	682
40520	39669	37759	32928	31496	29130	30657	27584	30149	33753	36466	40701
49102	46184	45315	38651	35318	34581	34814	31883	34479	36904	43774	51395
52455	46634	46887	37424	34797	34002	34934	31390	33767	36305	41207	48558
49155	58814	46553	40527	40979	37102	37986	33096	37070	39946	49711	48779
61106	66353	53702	50922	44358	41757	41718	36416	42039	44754	52724	66631
60345	62044	63156	48757	41089	41491	42813	33800	39988	42726	49054	65988
62378	62576	56481	52301	53344	49101	49985	44085	49937	54092	61867	59379
74000	75133	62636	63587	57594	56034	56355	47835	56197	60085	67049	80254
74383	75526	73075	60371	55139	56362	57451	46333	54813	57822	62082	76392
24712	64979	57259	52446	53517	49383	50187	44569	50200	54513	65144	61939
76129	79074	64725	64139	57787	56859	56752	49477	56394	60204	75426	82319
76219	76442	74891	60991	55896	57315	58229	48094	55241	58675	66046	80966
19:00	19:00	10:00	12:00	10:00	12:00	12:00	12:00	10:00	10:00	19:00	19:00
19:00	19:00	09:00	10:00	12:00	12:00	12:00	13:00	12:00	10:00	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
71192	70087	64975	60849	60718	56827	57280	52478	57220	63209	70901	68045
76909	78960	68784	67421	65183	65727	60329	57184	64459	68150	75426	80237
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

				I-XII
Thermal nuclear net production	GWh	Σ	1996	0
			2005	0
			2006	0
Thermal conventional net production	GWh	Σ	1996	30978
			2005	43304
			2006	42653
Hydraulic net production	GWh	Σ	1996	4482
			2005	5583
			2006	6449
Other renewable net production ¹	GWh	Σ	2005	1056
			2006	1293
- of which wind	GWh	Σ	2005	946
			2006	1199
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	1996	37313
			2005 ³	49943
			2006 ³	50395
Physical import	GWh	Σ	1996	2664
			2005	5632
			2006	6151
Physical export	GWh	Σ	1996	1315
			2005	1838
			2006	1936
Total physical import/export balance ²	GWh	Σ	1996	1349
			2005	3781
			2006	4203
Consumption of pumps	GWh	Σ	1996	223
			2005	848
			2006	610
National electrical consumption, calculated to represent 100% of the national values	GWh	Σ	1996	38439
			2005	52876
			2006	53988
Consumption load 3:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1996	4232
			2005	5993
			2006	5280
Consumption load 11:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1996	6276
			2005	8838
			2006	8370
Highest load on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1996	6507
			2005	9140
			2006	8586
Time of highest load on the 3rd Wednesday		CET	1996	13:00
			2005	13:00
			2006	13:00
Power produced in parallel operation on the 3rd Wednesday at 11:00 a.m.	MW	max.	1996	6325
			2005	7844
			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").

Monthly values / Operation

Greece

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
2802	2435	2594	2298	2415	2653	2980	2829	2484	2539	2522	2427
3921	3407	3369	3175	3291	3586	4283	3909	3542	3412	3568	3841
3644	3423	3125	2790	3403	3657	3969	4143	3535	3498	3564	3902
303	454	519	290	247	229	395	325	220	290	417	793
371	480	802	564	517	404	454	456	307	323	402	503
939	543	936	667	643	419	413	491	328	315	368	387
84	97	78	88	69	67	78	74	64	117	107	133
112	93	106	92	94	81	175	81	111	130	108	110
74	88	68	77	59	59	70	66	56	108	99	122
103	86	98	85	88	73	168	74	101	122	100	101
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
3267	3040	3276	2723	2802	3033	3551	3319	2845	2977	3092	3388
4376	3984	4249	3827	3877	4057	4815	4439	3913	3852	4077	4477
4695	4059	4167	3549	4140	4157	4557	4715	3974	3943	4040	4399
278	440	235	133	256	190	197	141	156	266	205	167
460	448	425	409	307	461	585	527	498	477	525	510
487	480	540	504	342	517	587	591	472	466	551	614
103	316	141	19	17	25	27	40	45	180	182	220
214	193	377	198	39	66	72	77	106	123	161	212
295	176	314	194	152	63	82	77	96	167	132	188
176	123	93	115	239	165	170	101	111	87	23	-54
246	255	46	210	268	394	511	448	390	352	364	297
192	304	224	310	190	455	504	511	375	298	416	424
22	20	14	19	17	8	2	1	24	33	32	31
77	42	23	50	71	72	80	74	89	95	91	84
34	79	18	26	49	39	40	45	63	65	73	79
3421	3143	3355	2819	3024	3190	3719	3419	2932	3031	3083	3303
4545	4197	4272	3987	4074	4379	5246	4813	4214	4109	4350	4690
4853	4284	4373	3833	4281	4573	5021	5181	4286	4176	4383	4744
4120	3646	4009	3308	3012	3386	4232	3524	3156	3044	3324	3613
4881	4674	4401	4048	4287	4430	5993	5161	4239	4214	4484	5466
5174	5268	4627	4048	4238	5088	5280	4838	4304	4144	4674	4933
5853	5021	5566	4931	4948	5512	6276	5454	5054	5016	5050	5356
7288	6948	6341	6303	7052	7222	8838	7480	6808	6680	6926	7670
7793	7844	7202	6362	6552	8370	8049	7429	7003	6975	6833	7037
6046	5370	5640	5158	5218	5772	6507	5675	5411	5312	5569	5751
7687	7333	6967	6805	7205	7340	9140	7599	7193	7429	7502	8596
8055	8168	7231	6825	7081	8586	8152	7733	7331	7590	7575	8102
20:00	20:00	20:00	13:00	22:00	13:00	13:00	13:00	21:00	21:00	19:00	20:00
19:00	19:00	19:00	21:00	21:00	12:00	13:00	12:00	20:00	20:00	18:00	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
5881	3490	3811	3178	5049	5588	6325	5515	5207	5060	5044	5347
6788	6465	6317	5779	6457	6679	7844	6892	6311	6263	6440	7277
7547	7368	6914	6054	6426	7751	7305	6873	6603	6621	6625	6558

²Terminology 2.15, see also note Physical energy exchange in interconnected operation³including deliveries from industry

Greece

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	Export (-)							Import (+)				Balance		
	HR→BA	HR→CS	HR→HU	HR→SI	UCTE_EXP	Total_EXP	BA→HR	CS→HR	HU→HR	SI→HR	UCTE_IMP	Total_IMP	HR_UCTE	HR_Total
I.96	n.a.	n.a.	0	0	n.a.	n.a.	n.a.	n.a.	7	0	n.a.	n.a.	n.a.	n.a.
II.96	n.a.	n.a.	0	0	n.a.	n.a.	n.a.	n.a.	3	0	n.a.	n.a.	n.a.	n.a.
III.96	n.a.	n.a.	3	0	n.a.	n.a.	n.a.	n.a.	0	0	n.a.	n.a.	n.a.	n.a.
IV.96	n.a.	n.a.	3	0	n.a.	n.a.	n.a.	n.a.	0	0	n.a.	n.a.	n.a.	n.a.
V.96	n.a.	n.a.	0	0	n.a.	n.a.	n.a.	n.a.	6	0	n.a.	n.a.	n.a.	n.a.
VI.96	n.a.	n.a.	0	0	n.a.	n.a.	n.a.	n.a.	10	0	n.a.	n.a.	n.a.	n.a.
VII.96	n.a.	n.a.	0	0	n.a.	n.a.	n.a.	n.a.	8	0	n.a.	n.a.	n.a.	n.a.
VIII.96	n.a.	n.a.	0	0	n.a.	n.a.	n.a.	n.a.	10	0	n.a.	n.a.	n.a.	n.a.
IX.96	n.a.	n.a.	3	0	n.a.	n.a.	n.a.	n.a.	3	0	n.a.	n.a.	n.a.	n.a.
X.96	n.a.	n.a.	4	0	n.a.	n.a.	n.a.	n.a.	7	0	n.a.	n.a.	n.a.	n.a.
XI.96	n.a.	n.a.	2	0	n.a.	n.a.	n.a.	n.a.	9	0	n.a.	n.a.	n.a.	n.a.
XII.96	n.a.	n.a.	2	0	n.a.	n.a.	n.a.	n.a.	10	0	n.a.	n.a.	n.a.	n.a.
1996	n.a.	n.a.	17	0	n.a.	n.a.	n.a.	n.a.	73	0	n.a.	n.a.	n.a.	n.a.
I.05	107	0	0	768	875	875	275	377	672	22	1346	1346	471	471
II.05	131	0	0	688	819	819	225	371	647	46	1289	1289	470	470
III.05	90	0	0	849	939	939	352	380	601	29	1362	1362	423	423
IV.05	85	0	0	737	822	822	257	318	523	60	1158	1158	336	336
V.05	79	0	0	578	657	657	194	265	432	99	990	990	333	333
VI.05	102	0	0	611	713	713	245	300	520	66	1131	1131	418	418
VII.05	143	1	0	649	793	793	183	299	621	130	1233	1233	440	440
VIII.05	139	0	0	477	616	616	161	284	469	177	1091	1091	475	475
IX.05	74	0	0	582	656	656	238	328	418	140	1124	1124	468	468
X.05	103	0	0	695	798	798	222	374	517	137	1250	1250	452	452
XI.05	163	0	0	581	744	744	184	440	573	140	1337	1337	593	593
XII.05	124	1	0	729	854	854	199	402	696	30	1327	1327	473	473
2005	1340	2	0	7944	9286	9286	2735	4138	6689	1076	14638	14638	5352	5352
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

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".

				I-XII
Thermal nuclear net production	GWh	Σ	1996 2005 2006	n.a. 0 0
Thermal conventional net production	GWh	Σ	1996 2005 2006	n.a. 5177 5264
Hydraulic net production	GWh	Σ	1996 2005 2006	n.a. 6397 6082
Other renewable net production ¹	GWh	Σ	2005 2006	21 24
- of which wind	GWh	Σ	2005 2006	11 17
Not clearly identifiable net production ¹	GWh	Σ	2005 2006	0 0
Total net electrical energy production, calculated to represent 100% of the national values	GWh	Σ	1996 2005 ³ 2006 ³	n.a. 11595 11370
Physical import	GWh	Σ	1996 2005 2006	n.a. 14638 13249
Physical export	GWh	Σ	1996 2005 2006	n.a. 9286 7577
Total physical import/export balance ²	GWh	Σ	1996 2005 2006	n.a. 5113 5619
Consumption of pumps	GWh	Σ	1996 2005 2006	n.a. 151 179
National electrical consumption, calculated to represent 100% of the national values	GWh	Σ	1996 2005 2006	n.a. 16557 16810
Consumption load 3:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1996 2005 2006	n.a. 1643 1664
Consumption load 11:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1996 2005 2006	n.a. 2521 2669
Highest load on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1996 2005 2006	n.a. 2810 2817
Time of highest load on the 3rd Wednesday		CET	1996 2005 2006	n.a. 18:00 18:00
Power produced in parallel operation on the 3rd Wednesday at 11:00 a.m.	MW	max.	1996 2005 2006	n.a. 2183 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").

Monthly values / Operation

Croatia

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.
457	585	483	258	313	433	500	451	416	344	514	423
479	486	393	261	296	296	553	442	312	485	561	700
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
684	474	609	687	595	378	404	381	397	537	486	765
793	578	695	730	662	470	364	341	366	386	360	337
2	2	2	2	2	1	1	2	2	1	2	2
2	1	1	1	1	1	1	2	3	4	3	4
1	1	1	1	1	1	0	1	1	1	1	1
1	1	1	1	0	1	0	1	2	3	3	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.
1143	1061	1094	947	910	812	905	834	815	882	1002	1190
1274	1065	1089	992	959	767	918	785	681	875	924	1041
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
1346	1289	1362	1158	990	1131	1233	1091	1124	1250	1337	1327
1267	1222	1304	1185	991	1092	1047	993	839	1036	1088	1185
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	0	n.a.	n.a.	n.a.
875	819	939	822	657	713	793	616	656	798	744	854
824	783	796	872	661	556	518	408	419	570	556	614
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
459	462	407	330	326	408	432	469	454	448	454	464
427	431	490	304	334	534	520	593	420	467	526	573
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
26	23	4	10	10	10	13	20	14	5	10	6
19	11	13	7	20	7	15	17	12	18	19	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.
1576	1500	1497	1267	1226	1210	1324	1283	1255	1325	1446	1648
1682	1485	1566	1289	1273	1294	1423	1361	1089	1324	1431	1593
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
1592	1611	1455	1268	1182	1222	1321	1233	1386	1314	1351	1643
1662	1664	1637	1305	1217	1375	1400	1261	1305	1305	1412	1615
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
2521	2499	2114	2054	1955	1914	2062	2005	2087	2092	2118	2507
2669	2576	2480	2129	1946	2019	2178	2031	2075	2101	2146	2557
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
2684	2692	2434	2197	2024	1987	2221	2177	2279	2443	2443	2810
2780	2800	2753	2287	2106	2319	2328	2273	2303	2441	2550	2817
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	22:00	22:00	22:00	21:00	20:00	20:00	18:00	18:00
18:00	19:00	20:00	21:00	22:00	13:00	22:00	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.
1824	1820	1544	1561	1609	1425	1616	1521	1766	1819	1903	2183
2104	2123	1858	1831	1560	1442	1583	1422	1779	1832	1767	1927

²Terminology 2.15, see also note Physical energy exchange in interconnected operation³including deliveries from industry

			I-XII	
			1996 2005 2006	n.a. 13005 12653
Thermal nuclear net production	GWh	Σ	1996 2005 2006	n.a. 13005 12653
Thermal conventional net production	GWh	Σ	1996 2005 2006	n.a. 17884 18745
Hydraulic net production	GWh	Σ	1996 2005 2006	n.a. 200 181
Other renewable net production ¹	GWh	Σ	2005 2006	1400 1169
- of which wind	GWh	Σ	2005 2006	11 41
Not clearly identifiable net production ¹	GWh	Σ	2005 2006	600 673
Total net electrical energy production, calculated to represent 100% of the national values	GWh	Σ	1996 2005 ³ 2006 ³	n.a. 33089 33421
Physical import	GWh	Σ	1996 2005 2006	n.a. 15635 15399
Physical export	GWh	Σ	1996 2005 2006	n.a. 9411 8185
Total physical import/export balance ²	GWh	Σ	1996 2005 2006	n.a. 6225 7208
Consumption of pumps	GWh	Σ	1996 2005 2006	n.a. 0 0
National electrical consumption, calculated to represent 100% of the national values	GWh	Σ	1996 2005 2006	n.a. 39314 40629
Consumption load 3:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1996 2005 2006	n.a. 4459 4767
Consumption load 11:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1996 2005 2006	n.a. 5747 5871
Highest load on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1996 2005 2006	n.a. 6146 6271
Time of highest load on the 3rd Wednesday		CET	1996 2005 2006	n.a. 15:00 16:00
Power produced in parallel operation on the 3rd Wednesday at 11:00 a.m.	MW	max.	1996 2005 2006	n.a. 4714 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").

Monthly values / Operation

Hungary

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.
981	883	1008	1025	956	1181	1284	1287	1035	984	1065	1316
1303	1074	936	944	960	941	1248	1290	961	1016	967	1013
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
1797	1710	1628	1307	1369	1269	1361	1296	1374	1528	1632	1613
1653	1566	1841	1451	1436	1484	1461	1190	1444	1580	1788	1851
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	18	12	5	4	15	24	18	22	21	19	23
14	13	22	21	22	21	18	17	3	9	11	10
87	76	91	75	87	119	166	194	152	166	121	66
96	81	98	105	102	97	113	121	100	69	85	102
1	0	1	0	1	0	1	1	1	1	2	2
3	3	4	3	3	2	1	3	3	4	7	5
90	85	82	70	61	22	15	12	15	18	48	82
68	75	41	31	31	42	27	29	53	92	97	87
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
2974	2772	2821	2482	2477	2606	2850	2807	2598	2717	2885	3100
3134	2809	2938	2552	2551	2585	2867	2647	2561	2766	2948	3063
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
1460	1379	1322	1299	1228	1154	1274	1105	1118	1349	1441	1506
1468	1342	1343	1195	1216	1192	954	1204	1173	1340	1403	1569
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	0	n.a.	n.a.	n.a.
934	877	743	667	594	679	949	814	578	728	827	1021
889	801	712	597	516	523	450	641	521	675	810	1050
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
527	501	579	632	634	475	325	291	540	621	614	486
579	540	630	597	699	669	503	563	651	664	593	520
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.
3501	3273	3400	3114	3111	3081	3175	3098	3138	3338	3499	3586
3713	3349	3568	3149	3250	3254	3370	3210	3212	3430	3541	3583
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
4459	4431	3790	3922	3856	3948	3901	3761	3936	4264	4237	4387
4767	4750	4474	4018	4054	4287	4114	3948	3997	4348	4519	4621
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
5747	5537	5143	5248	5327	5274	5325	5153	5340	5417	5569	5471
5871	5755	4725	5138	5251	5593	5429	5024	5246	5484	5553	5543
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
6146	5919	5658	5500	5383	5489	5539	5176	5556	5912	6097	6064
6271	6131	5163	5339	5379	5817	5669	5299	5505	5972	6120	6180
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
15:00	15:00	19:00	16:00	15:00	15:00	15:00	15:00	20:00	19:00	17:00	17:00
16:00	16:00	20:00	21:00	16:00	16:00	17:00	16:00	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.
4559	4432	3915	3888	3929	4271	4714	4310	4045	4148	4232	4438
5092	4628	4372	3924	3987	4331	4691	4077	4213	4338	4496	4578

²Terminology 2.15, see also note Physical energy exchange in interconnected operation³including deliveries from industry

Physical exchanges in interconnected operation ¹

MM_YY	Export (-)							Import (+)							Balance			
	HU→AT	HU→CS	HU→HR	HU→RO	HU→SK	HU→UA_W	UCTE_EXP	Total_EXP	AT→HU	CS→HU	HR→HU	RO→HU	SK→HU	UA_W→HU	UCTE_IMP	Total_IMP	HU_UCTE	HU_Total
I.96	137	53	7	n.a.	n.a.	n.a.	197	n.a.	17	0	0	n.a.	n.a.	n.a.	17	n.a.	-180	n.a.
II.96	106	76	3	n.a.	n.a.	n.a.	185	n.a.	15	0	0	n.a.	n.a.	n.a.	15	n.a.	-170	n.a.
III.96	31	94	0	n.a.	n.a.	n.a.	125	n.a.	62	0	0	n.a.	n.a.	n.a.	62	n.a.	-63	n.a.
IV.96	11	0	0	n.a.	n.a.	n.a.	11	n.a.	61	0	0	n.a.	n.a.	n.a.	61	n.a.	50	n.a.
V.96	10	0	6	n.a.	n.a.	n.a.	16	n.a.	112	0	0	n.a.	n.a.	n.a.	112	n.a.	96	n.a.
VI.96	13	0	10	n.a.	n.a.	n.a.	23	n.a.	106	0	0	n.a.	n.a.	n.a.	106	n.a.	83	n.a.
VII.96	18	12	8	n.a.	n.a.	n.a.	38	n.a.	97	0	0	n.a.	n.a.	n.a.	97	n.a.	59	n.a.
VIII.96	25	42	10	n.a.	n.a.	n.a.	77	n.a.	83	0	0	n.a.	n.a.	n.a.	83	n.a.	6	n.a.
IX.96	60	0	3	n.a.	n.a.	n.a.	63	n.a.	33	0	0	n.a.	n.a.	n.a.	33	n.a.	-30	n.a.
X.96	54	0	7	n.a.	n.a.	n.a.	61	n.a.	51	0	0	n.a.	n.a.	n.a.	51	n.a.	-10	n.a.
XI.96	96	1	9	n.a.	n.a.	n.a.	106	n.a.	30	0	0	n.a.	n.a.	n.a.	30	n.a.	-76	n.a.
XII.96	136	13	10	n.a.	n.a.	n.a.	159	n.a.	14	0	0	n.a.	n.a.	n.a.	14	n.a.	-145	n.a.
1996	697	291	73	n.a.	n.a.	n.a.	1061	n.a.	681	0	0	n.a.	n.a.	n.a.	681	n.a.	-380	n.a.
I.05	59	175	672	28	0	0	934	934	23	0	0	81	918	438	1022	1460	88	526
II.05	24	198	647	8	0	0	877	877	52	0	0	99	822	406	973	1379	96	502
III.05	19	90	601	18	0	15	728	743	67	2	0	82	785	386	936	1322	208	579
IV.05	22	100	523	19	0	3	664	667	165	6	0	45	680	403	896	1299	232	632
V.05	20	129	432	11	0	2	592	594	74	0	0	112	653	389	839	1228	247	634
VI.05	12	140	520	7	0	0	679	679	76	0	0	113	612	353	801	1154	122	475
VII.05	183	132	621	13	0	0	949	949	57	0	0	94	895	228	1046	1274	97	325
VIII.05	153	181	469	6	0	5	809	814	49	0	0	102	581	373	732	1105	-77	291
IX.05	50	99	418	10	0	1	577	578	106	3	0	97	500	412	706	1118	129	540
X.05	103	90	517	18	0	0	728	728	71	3	0	105	744	426	923	1349	195	621
XI.05	126	124	573	4	0	0	827	827	45	2	0	136	749	509	932	1441	105	614
XII.05	86	235	696	4	0	0	1021	1021	24	0	0	124	867	491	1015	1506	-6	485
2005	857	1693	6689	146	0	26	9385	9411	809	16	0	1190	8806	4814	10821	15635	1436	6224
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

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	Export (-)						Import (+)						Balance					
	Total_EXP						UCTE_EXP						Total_IMP		IT_UCTE		IT_Total	
	IT→AT	IT→CH	IT→FR	IT→GR	IT→SI		AT→IT	CH→IT	FR→IT	GR→IT	SI→IT	UCTE_IMP						
I.96	0	0	16	0	55	71	116	1301	1651	0	127	3195	3195	3124	3124	3195	3124	
II.96	0	4	22	0	77	103	98	1271	1535	0	64	2968	2968	2865	2865	2968	2865	
III.96	0	4	22	0	63	89	98	1409	1529	0	58	3094	3094	3005	3005	3094	3005	
IV.96	0	0	14	0	25	39	128	1500	1380	0	151	3159	3159	3120	3120	3159	3120	
V.96	0	0	14	0	17	31	131	1681	1549	0	147	3508	3508	3477	3477	3508	3477	
VI.96	0	2	28	0	46	76	137	1756	1471	0	71	3435	3435	3359	3359	3435	3359	
VII.96	0	2	17	0	57	76	149	1789	1375	0	78	3391	3391	3315	3315	3391	3315	
VIII.96	0	0	27	0	65	92	75	1114	1124	0	48	2361	2361	2269	2269	2361	2269	
IX.96	0	1	22	0	41	64	133	1489	1426	0	89	3137	3137	3073	3073	3137	3073	
X.96	0	4	16	0	10	30	116	1268	1623	0	212	3219	3219	3189	3189	3219	3189	
XI.96	0	1	7	0	17	25	116	1442	1491	0	222	3271	3271	3246	3246	3271	3246	
XII.96	0	2	23	0	34	59	126	1451	1637	0	181	3395	3395	3336	3336	3395	3336	
1996	0	20	228	0	507	755	1423	17471	17791	0	1448	38133	38133	37378	37378	38133	37378	
I.05	0	0	90	0	0	90	142	2243	1424	119	789	4717	4717	4627	4627	4717	4627	
II.05	0	0	96	0	0	96	123	2430	1138	72	725	4488	4488	4392	4392	4488	4392	
III.05	2	0	57	0	0	59	124	2421	1278	285	789	4897	4897	4838	4838	4897	4838	
IV.05	0	0	49	0	0	49	122	2354	1246	158	842	4722	4722	4673	4673	4722	4673	
V.05	0	6	50	2	0	58	137	2284	1268	20	580	4289	4289	4231	4231	4289	4231	
VI.05	0	7	52	21	0	80	129	2020	1193	0	630	3972	3972	3892	3892	3972	3892	
VII.05	0	7	43	74	0	124	109	2139	1238	0	732	4218	4218	4094	4094	4218	4094	
VIII.05	0	7	59	69	0	135	122	1753	873	0	372	3120	3120	2985	2985	3120	2985	
IX.05	0	8	36	38	0	82	122	1951	1238	27	546	3884	3884	3802	3802	3884	3802	
X.05	0	6	21	27	0	54	129	2378	1527	2	834	4870	4870	4816	4816	4870	4816	
XI.05	0	16	50	13	0	79	119	1957	1276	28	548	3928	3928	3849	3849	3928	3849	
XII.05	0	74	99	24	0	197	119	1477	794	0	544	2934	2934	2737	2737	2934	2737	
2005	2	131	702	268	0	1103	1497	25407	14493	711	7931	50039	50039	48936	48936	50039	48936	
I.06	2	149	122	4	1	278	75	1058	694	169	418	2414	2414	2136	2136	2414	2136	
II.06	1	129	103	0	1	234	89	1089	694	50	477	2399	2399	2165	2165	2399	2165	
III.06	0	98	100	0	2	200	112	1412	1042	222	566	3354	3354	3154	3154	3354	3154	
IV.06	0	0	36	3	0	39	113	2164	1614	173	701	4765	4765	4726	4726	4765	4726	
V.06	0	2	42	0	0	44	140	2062	1439	149	591	4381	4381	4337	4337	4381	4337	
VI.06	0	5	44	4	0	53	113	2179	1366	19	520	4197	4197	4144	4144	4197	4144	
VII.06	0	29	54	14	1	98	131	2118	1249	7	444	3949	3949	3851	3851	3949	3851	
VIII.06	0	2	32	75	1	110	137	1756	860	4	289	3046	3046	2936	2936	3046	2936	
IX.06	0	1	32	48	4	85	114	2230	1395	34	204	3977	3977	3892	3892	3977	3892	
X.06	0	5	36	69	1	111	133	2738	1619	50	415	4955	4955	4844	4844	4955	4844	
XI.06	0	1	47	100	1	149	124	2472	1546	40	392	4574	4574	4425	4425	4574	4425	
XII.06	0	1	78	138	0	217	134	2607	1373	28	372	4514	4514	4297	4297	4514	4297	
2006	3	422	726	455	12	1618	1415	23885	14891	945	5389	46525	46525	44907	44907	46525	44907	

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".

			I-XII	
			1996	0
			2005	0
			2006	0
Thermal nuclear net production	GWh	Σ	1996	184534
			2005	241071
			2006	250685
Thermal conventional net production	GWh	Σ	1996	46080
			2005	42386
			2006	42450
Hydraulic net production	GWh	Σ	1996	7368
			2005	8402
			2006	
Other renewable net production ¹	GWh	Σ	2005	7368
			2006	8402
- of which wind	GWh	Σ	2005	2330
			2006	3153
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	1996	230614
			2005 ³	290825
			2006 ³	301537
Physical import	GWh	Σ	1996	38133
			2005	50039
			2006	46525
Physical export	GWh	Σ	1996	755
			2005	1103
			2006	1618
Total physical import/export balance ²	GWh	Σ	1996	37389
			2005	48936
			2006	44907
Consumption of pumps	GWh	Σ	1996	6844
			2005	9320
			2006	8648
National electrical consumption, calculated to represent 100% of the national values	GWh	Σ	1996	261159
			2005	330441
			2006	337796
Consumption load 3:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1996	24183
			2005	33627
			2006	33930
Consumption load 11:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1996	40727
			2005	52820
			2006	53165
Highest load on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1996	42064
			2005	54115
			2006	53816
Time of highest load on the 3rd Wednesday		CET	1996	17:00
			2005	18:00
			2006	18:00
Power produced in parallel operation on the 3rd Wednesday at 11:00 a.m.	MW	max.	1996	36900
			2005	49828
			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").

Monthly values / Operation

Italy

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
17287	16871	17666	14764	14172	14448	15464	12762	15476	15918	14949	14757
20463	19835	20355	18047	18603	19981	21798	17946	20629	19544	21344	22526
24386	22287	23057	17372	18647	20150	23106	18053	20799	20328	21264	21236
3329	3100	3186	3324	4574	4535	4408	3591	3335	4113	4329	4256
3468	3033	3277	3455	4385	4164	4203	3147	3558	3819	2958	2919
3220	2974	3237	3356	4570	4191	4720	3716	3491	3382	2802	2791
628	583	583	635	612	506	615	620	542	533	647	864
668	699	795	688	662	622	609	798	798	697	657	709
188	197	161	215	197	109	203	198	130	101	227	404
219	301	357	272	256	201	183	360	270	259	220	255
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
20616	19971	20852	18088	18746	18983	19872	16353	18811	20031	19278	19013
24559	23451	24215	22137	23600	24651	26616	21713	24729	23896	24949	26309
28274	25960	27089	21416	23879	24963	28435	22567	25088	24407	24723	24736
3195	2968	3094	3159	3508	3435	3391	2361	3137	3219	3271	3395
4717	4488	4897	4722	4289	3972	4218	3120	3884	4870	3928	2934
2414	2399	3354	4765	4381	4197	3949	3046	3977	4955	4574	4514
71	103	89	39	31	76	76	92	64	30	25	59
90	96	59	49	58	80	124	135	82	54	79	197
278	234	200	39	44	53	98	110	85	111	149	217
3124	2866	3005	3121	3478	3363	3318	2267	3075	3192	3245	3335
4627	4392	4838	4673	4231	3892	4094	2985	3802	4816	3849	2737
2136	2165	3154	4726	4337	4144	3851	2936	3892	4844	4425	4297
681	571	792	634	455	593	463	425	465	600	638	527
947	820	874	753	772	701	705	603	686	786	800	873
818	689	736	737	741	680	732	636	704	718	714	743
23059	22266	23065	20575	21769	21753	22727	18195	21421	22623	21885	21821
28239	27023	28179	26057	27059	27842	30005	24095	27845	27926	27998	28173
29592	27436	29507	25405	27475	28427	31554	24867	28276	28533	28434	28290
22420	22577	22561	22005	22003	23696	24183	18911	22647	22380	21924	22589
29502	29797	29638	28272	28475	30025	33627	23152	29779	29214	29403	31079
30078	31111	30182	28299	29356	32794	33930	21983	30173	29619	30373	30653
40097	40727	39053	37122	36540	39369	40576	28297	38704	38657	39453	40009
52111	50965	47421	46922	45799	47993	52820	31850	47094	47799	48784	51710
52687	52434	49616	46652	46176	52893	53165	31403	48092	46766	49260	50227
41885	41044	39857	38049	37155	39455	40793	28660	38924	38982	40716	42064
53182	51748	48905	47183	46147	48203	52820	34004	47236	48320	50571	54115
53816	53231	50090	46652	46176	52893	53165	33411	48092	47586	51973	53631
18:00	10:00	09:00	09:00	09:00	10:00	10:00	21:00	10:00	10:00	17:00	17:00
19:00	18:00	19:00	10:00	10:00	10:00	11:00	21:00	10:00	19:00	18:00	18:00
18:00	18:00	10:00	11:00	11:00	11:00	11:00	21:00	11:00	19:00	18:00	17:00
36900	35600	35000	32637	31650	34007	35666	24879	33547	33605	34837	36412
46144	43692	40773	39063	39081	41128	45811	29450	40204	40421	42648	49828
47280	45555	45711	38613	39168	45742	49072	28805	41089	40049	43837	46526

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

³including deliveries from industry

			I-XII	
			1996	2005
Thermal nuclear net production	GWh	Σ	1996 2005 2006	0 0 0
Thermal conventional net production	GWh	Σ	1996 2005 2006	380 3040 3195
Hydraulic net production	GWh	Σ	1996 2005 2006	873 860 892
Other renewable net production ¹	GWh	Σ	2005 2006	107 122
- of which wind	GWh	Σ	2005 2006	53 60
Not clearly identifiable net production ¹	GWh	Σ	2005 2006	0 0
Total net electrical energy production, calculated to represent 100% of the national values	GWh	Σ	1996 2005 2006	1278 4077 4209
Physical import	GWh	Σ	1996 2005 2006	5502 6407 6831
Physical export	GWh	Σ	1996 2005 2006	809 3153 3286
Total physical import/export balance ²	GWh	Σ	1996 2005 2006	4901 3261 3546
Consumption of pumps	GWh	Σ	1996 2005 2006	1140 1103 1139
National electrical consumption, calculated to represent 100% of the national values	GWh	Σ	1996 2005 2006	5039 6235 6616
Consumption load 3:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1996 2005 2006	656 770 792
Consumption load 11:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1996 2005 2006	770 919 936
Highest load on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1996 2005 2006	787 942 972
Time of highest load on the 3rd Wednesday		CET	1996 2005 2006	10:00 19:00 19:00
Power produced in parallel operation on the 3rd Wednesday at 11:00 a.m.	MW	max.	1996 2005 2006	780 964 945

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").

Monthly values / Operation

Luxembourg

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
36	32	35	32	33	29	30	29	30	31	31	32
295	86	292	278	254	239	266	226	267	273	265	299
303	186	293	271	267	268	251	239	270	257	285	305
56	64	71	68	76	65	76	79	84	69	82	83
80	73	81	69	75	64	71	66	58	69	74	80
77	68	73	76	86	78	69	65	70	78	73	79
13	8	9	8	9	7	8	8	6	10	10	11
9	10	12	9	12	7	7	9	9	11	13	14
8	4	5	4	4	2	4	3	3	6	4	6
4	5	7	4	6	3	3	4	3	6	7	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
94	97	109	102	112	96	108	110	116	102	115	117
395	169	389	361	344	316	351	305	337	358	355	397
389	264	378	356	365	353	327	313	349	346	371	398
506	466	521	476	472	441	449	377	471	488	494	341
523	506	545	500	513	498	550	477	549	578	591	577
613	543	589	545	588	577	619	477	554	593	577	556
48	56	63	64	71	61	73	77	83	67	74	72
298	111	298	278	265	244	274	253	273	282	276	301
291	191	291	268	299	311	293	252	267	258	272	293
458	411	459	418	409	387	380	307	395	429	420	428
225	396	247	222	253	254	276	225	276	296	315	276
322	352	298	277	289	267	326	225	287	335	305	263
69	83	92	90	100	87	101	106	115	93	102	102
93	86	97	84	94	86	97	90	80	94	101	101
100	86	93	95	104	100	96	85	92	102	93	93
483	425	476	430	421	396	387	311	396	438	433	443
527	479	539	499	503	484	530	440	533	560	569	572
611	530	583	538	550	520	557	453	544	579	583	568
656	583	631	593	542	548	495	388	539	532	606	512
635	665	656	675	365	344	663	509	650	737	770	743
786	644	792	670	638	695	713	375	672	753	758	741
768	690	669	665	770	659	613	575	630	712	737	701
807	817	849	863	473	306	914	689	919	748	843	915
869	779	907	826	923	876	829	630	778	936	900	908
787	709	765	674	785	690	660	593	690	746	756	709
823	855	927	887	510	495	925	708	919	796	942	929
972	927	920	857	939	896	865	664	797	951	916	921
10:00	24:00	20:00	12:00	12:00	13:00	13:00	12:00	15:00	09:00	09:00	12:00
12:00	19:00	20:00	12:00	13:00	10:00	12:00	12:00	11:00	12:00	19:00	09:00
19:00	19:00	09:00	12:00	12:00	13:00	12:00	13:00	12:00	20:00	19:00	18:00
780	703	683	680	780	667	628	588	643	726	754	717
806	812	964	861	476	311	910	686	916	828	839	914
865	773	899	823	917	876	830	627	835	945	910	912

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

Physical exchanges in interconnected operation ¹

MM_YY	Export (-)		Import (+)		Total_IMP	LU_UCTE	LU_Total
	LU→BE	LU→DE	BE→LU	DE→LU			
						Balance	
I.96	0	48	130	376	506	458	458
II.96	0	56	94	372	466	410	410
III.96	0	63	134	387	521	458	458
IV.96	0	64	120	356	476	412	412
V.96	0	71	111	361	472	401	401
VI.96	0	61	110	331	441	380	380
VII.96	0	73	115	334	449	376	376
VIII.96	0	77	63	314	377	300	300
IX.96	0	83	116	355	471	388	388
X.96	0	67	130	358	488	421	421
XI.96	0	74	128	366	494	420	420
XII.96	0	72	125	216	341	269	269
1996	0	809	1376	4126	5502	4693	4693
I.05	232	66	92	431	523	225	225
II.05	48	63	101	405	506	395	395
III.05	229	69	109	436	545	247	247
IV.05	218	60	100	400	500	222	222
V.05	198	67	108	405	513	248	248
VI.05	183	61	94	404	498	254	254
VII.05	205	69	129	421	550	276	276
VIII.05	189	64	88	389	477	224	224
IX.05	217	56	137	412	549	276	276
X.05	216	66	145	433	578	296	296
XI.05	204	72	146	445	591	315	315
XII.05	229	72	125	452	577	276	276
2005	2368	785	1374	5033	6407	3254	3254
I.06	222	69	147	466	613	322	322
II.06	130	61	127	416	543	352	352
III.06	227	64	147	442	589	298	298
IV.06	201	67	139	406	545	277	277
V.06	223	76	162	426	588	289	289
VI.06	239	72	161	416	577	266	266
VII.06	226	67	179	440	619	326	326
VIII.06	192	60	85	392	477	225	225
IX.06	202	65	132	422	554	287	287
X.06	186	72	146	447	593	335	335
XI.06	208	64	143	434	577	305	305
XII.06	226	67	129	427	556	263	263
2006	2482	804	1697	5134	6831	3545	3545

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	Export (-)				Import (+)				Total_IMP	MK_UCTE	MK_Total
	MK→BG	MK→CS	MK→GR	UCTE_EXP	Total_EXP	BG→MK	CS→MK	GR→MK	UCTE_IMP		
I.96	n.a.	0	142	142	n.a.	n.a.	0	76	76	-66	n.a.
II.96	n.a.	0	315	315	n.a.	n.a.	0	291	291	-24	n.a.
III.96	n.a.	0	119	119	n.a.	n.a.	0	108	108	-11	n.a.
IV.96	n.a.	0	106	106	n.a.	n.a.	0	4	4	-102	n.a.
V.96	n.a.	0	131	131	n.a.	n.a.	0	2	2	-129	n.a.
VI.96	n.a.	0	109	109	n.a.	n.a.	0	1	1	-108	n.a.
VII.96	n.a.	0	164	164	n.a.	n.a.	0	2	2	-162	n.a.
VIII.96	n.a.	0	131	131	n.a.	n.a.	0	5	5	-126	n.a.
IX.96	n.a.	0	112	112	n.a.	n.a.	0	1	1	-111	n.a.
X.96	n.a.	0	199	199	n.a.	n.a.	0	128	128	-71	n.a.
XI.96	n.a.	0	182	182	n.a.	n.a.	0	124	124	-58	n.a.
XII.96	n.a.	0	155	155	n.a.	n.a.	0	116	116	-39	n.a.
1996	n.a.	0	1865	1865	n.a.	n.a.	0	858	858	-1007	n.a.
I.05	0	0	52	52	52	0	234	4	238	186	186
II.05	0	0	37	37	37	0	164	15	179	142	142
III.05	0	0	50	50	50	0	129	16	145	95	95
IV.05	0	0	90	90	90	3	124	0	127	37	37
V.05	0	0	82	82	82	0	212	1	213	131	131
VI.05	0	0	60	60	60	2	171	11	184	124	124
VII.05	0	0	75	75	75	30	200	2	232	157	157
VIII.05	0	0	63	63	63	29	177	6	212	149	149
IX.05	0	1	93	94	94	24	133	0	157	63	63
X.05	0	0	77	77	77	82	78	2	162	85	85
XI.05	0	0	81	81	81	79	182	2	263	182	182
XII.05	0	0	36	36	36	85	186	12	283	247	247
2005	0	1	796	797	797	334	1990	71	2395	1598	1598
I.06	0	0	56	56	56	78	203	1	282	226	226
II.06	0	0	58	58	58	73	208	1	282	224	224
III.06	0	0	117	117	117	68	210	0	278	161	161
IV.06	0	0	127	127	127	65	171	0	236	109	109
V.06	0	0	119	119	119	46	198	0	244	125	125
VI.06	0	0	109	109	109	92	151	1	244	135	135
VII.06	0	0	181	181	181	69	178	0	247	66	66
VIII.06	0	0	110	110	110	78	166	0	244	134	134
IX.06	0	0	80	80	80	72	175	1	248	168	168
X.06	0	0	79	79	79	71	85	8	164	85	85
XI.06	0	0	101	101	101	72	191	0	263	162	162
XII.06	0	0	65	65	65	76	190	0	266	201	201
2006	0	0	1202	1202	1202	860	2126	12	2998	1796	1796

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".

				I-XII
Thermal nuclear net production	GWh	Σ	1996 2005 2006	n.a. 0 0
Thermal conventional net production	GWh	Σ	1996 2005 2006	n.a. 4994 4940
Hydraulic net production	GWh	Σ	1996 2005 2006	n.a. 1481 1624
Other renewable net production ¹	GWh	Σ	2005 2006	0 0
- of which wind	GWh	Σ	2005 2006	0 0
Not clearly identifiable net production ¹	GWh	Σ	2005 2006	0 0
Total net electrical energy production, calculated to represent 100% of the national values	GWh	Σ	1996 2005 ³ 2006 ³	n.a. 6475 6564
Physical import	GWh	Σ	1996 2005 2006	n.a. 2395 2998
Physical export	GWh	Σ	1996 2005 2006	n.a. 797 1202
Total physical import/export balance ²	GWh	Σ	1996 2005 2006	n.a. 1599 1813
Consumption of pumps	GWh	Σ	1996 2005 2006	n.a. 0 0
National electrical consumption, calculated to represent 100% of the national values	GWh	Σ	1996 2005 2006	n.a. 8074 8377
Consumption load 3:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1996 2005 2006	n.a. 1073 1088
Consumption load 11:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1996 2005 2006	n.a. 1359 1415
Highest load on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1996 2005 2006	n.a. 1450 1520
Time of highest load on the 3rd Wednesday		CET	1996 2005 2006	n.a. 18:00 18:00
Power produced in parallel operation on the 3rd Wednesday at 11:00 a.m.	MW	max.	1996 2005 2006	n.a. 1031 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").

Monthly values / Operation

FYROM

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.
499	456	472	406	292	292	339	340	424	474	493	507
514	451	462	347	283	286	391	359	330	445	482	590
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
148	192	187	167	139	137	77	59	51	88	108	128
203	146	174	174	188	142	121	90	71	112	107	96
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
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.
647	648	659	573	431	429	416	399	475	562	601	635
717	597	636	521	471	428	512	449	401	557	589	686
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
238	179	145	127	213	184	232	212	157	162	263	283
282	282	278	236	244	244	247	244	248	164	263	266
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	0	n.a.	n.a.	n.a.
52	37	50	90	82	60	75	63	94	77	81	36
56	58	117	127	119	109	181	110	80	79	101	65
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
186	142	97	38	131	124	157	148	62	84	183	247
219	229	166	119	129	132	65	135	169	86	162	202
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.
833	790	756	611	562	553	573	547	537	646	784	882
936	826	802	640	600	560	577	584	570	643	751	888
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
957	860	770	619	605	603	613	588	547	772	848	1073
1072	1088	945	637	586	563	599	614	621	740	827	915
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
1253	1175	910	887	818	840	860	818	848	975	1146	1359
1415	1354	1282	901	832	788	872	827	826	973	1021	1261
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
1370	1269	1148	1028	901	950	928	892	930	1220	1330	1450
1520	1484	1343	1099	974	927	955	960	1002	1186	1212	1385
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	20:00	20:00	21:00	22:00	22:00	22:00	21:00	20:00	20:00	18:00	18:00
18:00	20:00	20:00	21:00	21:00	22:00	22:00	21:00	20:00	20:00	19:00	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.
951	927	819	837	818	636	599	580	716	861	850	1031
1119	1010	1069	723	550	608	839	566	548	790	765	973

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

³including deliveries from industry

The Netherlands

Monthly values / Operation

			I-XII	
			1996	2005
Thermal nuclear net production	GWh	Σ	3804	3772
			2006	3269
Thermal conventional net production	GWh	Σ	55024	86093
			2006	84278
Hydraulic net production	GWh	Σ	0	85
			2006	100
Other renewable net production ¹	GWh	Σ	6416	7067
			2006	7067
- of which wind	GWh	Σ	2009	2697
			2006	2697
Not clearly identifiable net production ¹	GWh	Σ	0	0
			2006	0
Total net electrical energy production, calculated to represent 100% of the national values	GWh	Σ	81767 ³	96366 ³
			2006 ³	94714
Physical import	GWh	Σ	16565	23693
			2006	27355
Physical export	GWh	Σ	5778	5400
			2006	5886
Total physical import/export balance ²	GWh	Σ	10792	18292
			2006	21465
Consumption of pumps	GWh	Σ	0	0
			2006	0
National electrical consumption, calculated to represent 100% of the national values	GWh	Σ	92559	114658
			2006	116179
Consumption load 3:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	7927	9702
			2006	11582
Consumption load 11:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	14064	16439
			2006	17796
Highest load on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	14210	16858
			2006	17855
Time of highest load on the 3rd Wednesday		CET	17:00	18:00
			2006	10:00
Power produced in parallel operation on the 3rd Wednesday at 11:00 a.m.	MW	max.	9422	13290
			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").

Monthly values / Operation

The Netherlands

I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
300	81	110	359	376	363	374	362	363	376	366	374
337	305	337	325	327	323	331	326	179	334	324	324
336	304	336	324	333	207	313	327	314	189	0	286
4970	4896	4861	4288	4294	4164	4231	4427	4357	4798	4788	4950
7768	7314	7635	6772	6796	6782	6830	6735	7057	7139	7416	7849
8187	7332	7681	6239	6027	6311	6528	6923	6583	7258	7353	7856
0	0	0	0	0	0	0	0	0	0	0	0
15	10	14	9	9	4	3	4	3	2	3	9
11	8	12	10	14	10	3	7	5	7	0	13
737	549	539	515	567	420	435	482	538	490	547	597
578	659	749	619	706	714	384	406	372	555	662	663
338	186	209	123	158	102	109	123	105	151	190	215
190	222	257	211	254	111	82	160	136	288	382	404
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
7422	7009	7101	6364	6485	6201	6395	6471	6465	6991	7258	7605
8857	8178	8525	7621	7699	7529	7599	7547	7777	7965	8290	8779
9112	8303	8778	7192	7080	7242	7228	7663	7274	8009	8015	8818
1307	1278	1406	1346	1367	1457	1360	1460	1403	1370	1366	1445
2217	2049	2344	2175	1607	1702	1764	1766	1615	1953	2091	2410
2550	2351	2786	2525	2474	2335	1979	1789	1905	1999	2208	2454
353	465	522	494	433	459	431	443	493	505	535	645
688	791	762	592	252	162	184	164	223	238	567	777
888	1118	1275	419	324	198	172	220	97	122	303	750
955	813	884	853	935	998	930	1016	910	866	831	801
1529	1257	1581	1583	1356	1540	1580	1602	1392	1715	1524	1633
1661	1233	1511	2106	2150	2140	1805	1569	1807	1876	1904	1703
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
8377	7822	7985	7217	7420	7199	7325	7487	7375	7857	8089	8406
10386	9435	10106	9204	9055	9069	9179	9149	9169	9680	9814	10412
10773	9536	10289	9298	9230	9382	9033	9232	9081	9885	9919	10521
7003	7292	6618	6574	6692	7029	6867	7927	6770	7226	7193	7002
9308	9677	8968	9159	9319	9054	9310	9066	9310	9202	9702	9630
9601	9214	10758	10063	9830	9966	10295	9229	9732	10578	10226	11582
13717	13486	12934	13058	13296	13082	12492	13597	13005	13401	13796	14064
16149	16439	14650	15099	14619	14489	13939	13847	14371	15061	16110	16186
16455	15951	16436	15499	14922	15222	15233	13364	14211	15916	15848	17796
13736	13626	13030	13120	13297	13169	12501	13627	13007	13434	13805	14210
16241	16439	14832	15229	14768	14733	14050	14068	14543	15151	16858	16597
16638	16125	16546	15507	15008	15321	15512	13659	14514	15916	16427	17855
09:00	12:00	10:00	12:00	12:00	12:00	12:00	12:00	12:00	14:00	10:00	17:00
18:00	11:00	20:00	12:00	12:00	14:00	12:00	14:00	14:00	12:00	18:00	18:00
18:00	12:00	10:00	10:00	15:00	12:00	12:00	14:00	15:00	11:00	18:00	10:00
8815	8957	8437	8799	7591	8635	8058	8348	8641	9333	8683	9422
12979	13226	12070	11812	12398	11819	11419	11459	12119	12336	13290	13221
13312	13765	13997	12102	12282	11683	13835	11705	12342	14289	14591	14172

²Terminology 2.15, see also note Physical energy exchange in interconnected operation³including deliveries from industry

Physical exchanges in interconnected operation ¹

MM_YY	Export (-)			Import (+)			Balance	
	NL→BE	NL→DE	UCTE_EXP	Total_EXP	BE→NL	DE→NL	UCTE_IMP	Total_IMP
I.96	339	14	353	353	215	1092	1307	1307
II.96	348	117	465	465	239	1039	1278	1278
III.96	386	136	522	522	258	1148	1406	1406
IV.96	360	134	494	494	292	1054	1346	1346
V.96	334	99	433	433	201	1166	1367	1367
VI.96	323	136	459	459	256	1201	1457	1457
VII.96	317	114	431	431	246	1114	1360	1360
VIII.96	226	217	443	443	359	1101	1460	1460
IX.96	271	222	493	493	316	1087	1403	1403
X.96	322	183	505	505	168	1202	1370	1370
XI.96	396	139	535	535	185	1181	1366	1366
XII.96	515	130	645	645	64	1381	1445	1445
1996	4137	1641	5778	5778	2799	13766	16565	16565
I.05	688	0	688	688	120	2097	2217	2217
II.05	789	2	791	791	80	1969	2049	2049
III.05	761	1	762	762	173	2171	2344	2344
IV.05	592	0	592	592	95	2080	2175	2175
V.05	235	17	252	252	464	1143	1607	1607
VI.05	102	60	162	162	690	1012	1702	1702
VII.05	123	61	184	184	683	1081	1764	1764
VIII.05	92	72	164	164	807	959	1766	1766
IX.05	120	103	223	223	673	942	1615	1615
X.05	234	4	238	238	338	1615	1953	1953
XI.05	564	3	567	567	201	1890	2091	2091
XII.05	775	2	777	777	109	2301	2410	2410
2005	5075	325	5400	5400	4433	19260	23693	23693
I.06	888	0	888	888	64	2486	2550	2550
II.06	1118	0	1118	1118	29	2322	2351	2351
III.06	1275	0	1275	1275	27	2759	2786	2786
IV.06	419	0	419	419	412	2113	2525	2525
V.06	323	1	324	324	443	2031	2474	2474
VI.06	190	8	198	198	771	1564	2335	2335
VII.06	137	35	172	172	801	1178	1979	1979
VIII.06	6	214	220	220	860	929	1789	1789
IX.06	75	22	97	97	790	1115	1905	1905
X.06	120	2	122	122	521	1478	1999	1999
XI.06	303	0	303	303	222	1986	2208	2208
XII.06	749	1	750	750	79	2375	2454	2454
2006	5603	283	5886	5886	5019	22336	27355	27355
							18293	18293
							1662	1662
							1233	1233
							1511	1511
							2106	2106
							2150	2150
							2137	2137
							1807	1807
							1569	1569
							1808	1808
							1877	1877
							1905	1905
							1704	1704
							21469	21469

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 GWh

Physical exchanges in interconnected operation ¹

MM_YY	Export (-)							Import (+)							PL_UCTE	PL_Total		
	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
I.96	n.a.	187	n.a.	n.a.	n.a.	n.a.	187	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	378	n.a.	191	n.a.
II.96	n.a.	159	n.a.	n.a.	n.a.	n.a.	159	n.a.	n.a.	396	n.a.	n.a.	n.a.	n.a.	396	n.a.	237	n.a.
III.96	n.a.	125	n.a.	n.a.	n.a.	n.a.	125	n.a.	n.a.	322	n.a.	n.a.	n.a.	n.a.	322	n.a.	197	n.a.
IV.96	n.a.	129	n.a.	n.a.	n.a.	n.a.	129	n.a.	n.a.	342	n.a.	n.a.	n.a.	n.a.	342	n.a.	213	n.a.
V.96	n.a.	169	n.a.	n.a.	n.a.	n.a.	169	n.a.	n.a.	385	n.a.	n.a.	n.a.	n.a.	385	n.a.	216	n.a.
VI.96	n.a.	157	n.a.	n.a.	n.a.	n.a.	157	n.a.	n.a.	396	n.a.	n.a.	n.a.	n.a.	396	n.a.	239	n.a.
VII.96	n.a.	124	n.a.	n.a.	n.a.	n.a.	124	n.a.	n.a.	289	n.a.	n.a.	n.a.	n.a.	289	n.a.	165	n.a.
VIII.96	n.a.	64	n.a.	n.a.	n.a.	n.a.	64	n.a.	n.a.	279	n.a.	n.a.	n.a.	n.a.	279	n.a.	215	n.a.
IX.96	n.a.	66	n.a.	n.a.	n.a.	n.a.	66	n.a.	n.a.	349	n.a.	n.a.	n.a.	n.a.	349	n.a.	283	n.a.
X.96	n.a.	114	n.a.	n.a.	n.a.	n.a.	114	n.a.	n.a.	315	n.a.	n.a.	n.a.	n.a.	315	n.a.	201	n.a.
XI.96	n.a.	147	n.a.	n.a.	n.a.	n.a.	147	n.a.	n.a.	300	n.a.	n.a.	n.a.	n.a.	300	n.a.	153	n.a.
XII.96	n.a.	127	n.a.	n.a.	n.a.	n.a.	127	n.a.	n.a.	283	n.a.	n.a.	n.a.	n.a.	283	n.a.	156	n.a.
1996	n.a.	1568	n.a.	n.a.	n.a.	n.a.	1568	n.a.	n.a.	4034	n.a.	n.a.	n.a.	n.a.	4034	n.a.	2466	n.a.
I.05	1091	3	297	0	0	8	1391	1399	2	361	0	82	80	324	363	849	-1028	-550
II.05	1024	17	282	0	0	8	1323	1331	2	247	0	76	74	211	249	610	-1074	-721
III.05	1046	46	260	0	0	121	1352	1473	4	204	0	82	80	1	208	371	-1144	-1102
IV.05	887	45	272	0	0	174	1204	1378	3	142	0	74	72	4	145	295	-1059	-1083
V.05	768	95	213	0	0	177	1076	1253	10	99	0	64	75	18	109	266	-967	-987
VI.05	710	230	199	0	0	21	1139	1160	8	41	0	96	76	163	49	384	-1090	-776
VII.05	720	118	127	0	0	118	965	1083	10	135	0	90	42	34	145	311	-820	-772
VIII.05	552	167	28	0	0	59	747	806	14	89	0	98	48	0	103	249	-644	-557
IX.05	801	219	156	0	0	20	1176	1196	4	66	0	91	75	36	70	272	-1106	-924
X.05	1097	69	272	0	0	178	1438	1616	4	241	0	79	85	4	245	413	-1193	-1203
XI.05	1253	27	348	0	0	49	1628	1677	1	240	0	77	83	22	241	423	-1387	-1254
XII.05	1216	10	338	0	0	249	1564	1813	1	401	0	75	85	0	402	562	-1162	-1251
2005	11165	1046	2792	0	0	1182	15003	16185	63	2266	0	984	875	817	2329	5005	-12674	-11180
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	-776	-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

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".

			I-XII	
			1996	n.a.
Thermal nuclear net production	GWh	Σ	2005	0
			2006	0
Thermal conventional net production	GWh	Σ	1996	n.a.
			2005	140182
			2006	145736
Hydraulic net production	GWh	Σ	1996	n.a.
			2005	3550
			2006	2794
Other renewable net production ¹	GWh	Σ	2005	224
			2006	326
- of which wind	GWh	Σ	2005	132
			2006	234
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	1996	n.a.
			2005 ³	143956
			2006 ³	148856
Physical import	GWh	Σ	1996	n.a.
			2005	5005
			2006	4771
Physical export	GWh	Σ	1996	n.a.
			2005	16185
			2006	15777
Total physical import/export balance ²	GWh	Σ	1996	n.a.
			2005	-11188
			2006	-11001
Consumption of pumps	GWh	Σ	1996	n.a.
			2005	2156
			2006	1357
National electrical consumption, calculated to represent 100% of the national values	GWh	Σ	1996	n.a.
			2005	130612
			2006	136498
Consumption load 3:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1996	n.a.
			2005	14958
			2006	15648
Consumption load 11:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1996	n.a.
			2005	19929
			2006	20419
Highest load on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1996	n.a.
			2005	21578
			2006	22017
Time of highest load on the 3rd Wednesday		CET	1996	n.a.
			2005	17:00
			2006	17:00
Power produced in parallel operation on the 3rd Wednesday at 11:00 a.m.	MW	max.	1996	n.a.
			2005	22196
			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").

Monthly values / Operation

Poland

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.
12513	11797	12670	11163	10719	10204	10511	10414	11077	12407	12937	13770
14558	12672	13455	11614	10862	10761	10910	10975	11547	12421	12741	13220
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
312	258	362	423	355	301	260	320	234	236	224	265
266	244	286	396	237	236	157	206	213	151	205	197
22	16	25	18	16	16	21	14	14	18	23	21
18	21	25	25	31	15	17	23	32	19	46	54
15	10	17	11	9	8	13	6	6	10	14	13
12	15	18	18	23	9	9	15	23	11	38	43
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.
12847	12071	13057	11604	11090	10521	10792	10748	11325	12661	13184	14056
14842	12937	13766	12035	11130	11012	11084	11204	11792	12591	12992	13471
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
849	610	371	295	266	384	311	249	272	413	423	562
482	447	408	188	394	267	380	209	243	477	570	706
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	0	n.a.	n.a.	n.a.
1399	1331	1473	1378	1253	1160	1083	806	1196	1616	1677	1813
1799	1634	1574	1448	1120	1046	838	758	1203	1364	1471	1522
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
-550	-723	-1102	-1082	-986	-777	-773	-557	-926	-1204	-1254	-1254
-1317	-1186	-1164	-1260	-725	-779	-458	-550	-959	-887	-900	-816
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
182	161	180	185	124	145	188	197	188	205	195	206
211	182	194	131	66	53	66	124	109	78	68	75
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
12115	11187	11775	10337	9980	9599	9831	9994	10211	11252	11735	12596
13314	11569	12408	10644	10339	10180	10560	10530	10724	11626	12024	12580
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
14931	14382	14065	12582	12059	11721	11731	11677	12425	13820	13780	14958
15648	14930	14970	13105	12253	12347	12488	10630	12642	13790	14271	14810
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
18802	18657	18088	16638	16571	15911	15454	15867	16465	17974	18482	19929
20419	19036	19022	17095	16246	16799	16482	15977	17036	18186	18723	20190
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
19978	19970	19496	17787	16736	16116	15562	16438	18290	19698	20218	21578
21739	20402	20345	17911	16586	17182	16877	16619	18480	19987	20653	22017
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	20:00	21:00	13:00	12:00	12:00	21:00	20:00	20:00	17:00	17:00
18:00	19:00	20:00	21:00	13:00	13:00	14:00	21:00	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.
20518	20677	19982	19262	18407	17955	17328	16776	18253	20442	20714	22196
25536	24913	22898	21320	22677	21524	20401	20115	22430	22023	22241	23899

²Terminology 2.15, see also note Physical energy exchange in interconnected operation³including deliveries from industry

				I-XII
Thermal nuclear net production	GWh	Σ	1996	0
			2005	0
			2006	0
Thermal conventional net production	GWh	Σ	1996	15471
			2005	33263
			2006	28423
Hydraulic net production	GWh	Σ	1996	14441
			2005	4910
			2006	11198
Other renewable net production ¹	GWh	Σ	2005	3515
			2006	4818
- of which wind	GWh	Σ	2005	1726
			2006	2892
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	1996 ³	32503
			2005 ³	43612
			2006 ³	45968
Physical import	GWh	Σ	1996	4030
			2005	9477
			2006	8481
Physical export	GWh	Σ	1996	3005
			2005	2806
			2006	3183
Total physical import/export balance ²	GWh	Σ	1996	1109
			2005	6819
			2006	5441
Consumption of pumps	GWh	Σ	1996	137
			2005	567
			2006	704
National electrical consumption, calculated to represent 100% of the national values	GWh	Σ	1996	33475
			2005	49864
			2006	50705
Consumption load 3:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1996	3058
			2005	5559
			2006	5511
Consumption load 11:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1996	5565
			2005	7811
			2006	7857
Highest load on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1996	5641
			2005	8669
			2006	9048
Time of highest load on the 3rd Wednesday	CET		1996	18:00
			2005	20:00
			2006	20:00
Power produced in parallel operation on the 3rd Wednesday at 11:00 a.m.	MW	max.	1996	4850
			2005	7495
			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").

Monthly values / Operation

Portugal

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
565	542	1062	884	982	1534	2106	1989	1814	1626	1480	887
3259	3047	2985	2440	2561	2894	2995	2675	2583	2579	2539	2706
2993	2764	2096	1949	2429	2464	2879	2801	2569	2034	1570	1875
2313	2168	1558	1466	1497	881	577	337	466	580	829	1769
512	467	478	486	364	347	265	235	221	201	520	814
720	540	1350	1099	679	487	526	347	380	955	1818	2297
225	242	279	276	266	195	291	276	285	358	374	448
354	324	436	349	309	316	347	433	363	550	504	533
98	113	140	127	115	84	131	118	129	183	208	280
186	175	274	189	176	164	176	260	204	391	341	356
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
3128	2945	2847	2553	2694	2624	2916	2527	2477	2397	2509	2886
4168	3916	3899	3358	3354	3588	3709	3327	3254	3303	3595	4141
4225	3743	4016	3500	3545	3397	3872	3698	3447	3669	4010	4846
272	253	209	200	165	293	392	380	434	526	503	403
942	682	742	683	716	677	782	659	858	931	894	911
914	806	824	541	727	812	775	643	808	783	502	346
304	263	216	206	179	304	400	391	234	114	183	211
409	338	281	188	158	216	267	117	148	150	181	353
223	251	330	271	196	151	254	299	110	258	357	483
-25	-5	0	1	-8	-5	-1	-1	208	418	325	202
548	357	473	504	567	475	527	559	725	789	724	571
704	568	505	280	544	672	533	356	711	535	155	-122
33	21	1	1	0	1	6	3	14	19	19	19
55	56	62	38	28	36	49	31	39	45	60	68
47	33	57	43	55	66	96	47	86	78	56	40
3070	2919	2846	2553	2686	2618	2909	2523	2671	2796	2815	3069
4661	4217	4310	3824	3893	4027	4187	3855	3940	4047	4259	4644
4882	4278	4464	3737	4034	4003	4309	4007	4072	4126	4109	4684
2594	2398	2681	2568	2621	2882	3058	2466	2792	2720	2893	2784
4919	4983	4547	4359	4273	4616	4820	4309	4482	4376	4791	5559
5350	5100	4709	4307	4583	4640	5043	4104	4714	4444	4478	5511
5161	5565	5142	4585	4647	4908	5216	4001	4771	4882	5264	5235
7366	7471	6778	6602	6452	6822	7125	5714	6534	6613	7079	7811
7857	7381	6816	6480	6801	6706	7115	5561	6775	6783	6779	7830
5161	5565	5142	4610	4701	4991	5216	4051	4771	4926	5641	5422
8015	8148	7118	6800	6673	7081	7483	6078	6812	6969	7788	8669
8491	8047	7260	6678	7019	7027	7467	5920	7057	7116	7470	9048
11:00	11:00	11:00	12:00	15:00	15:00	11:00	21:00	11:00	20:00	18:00	19:00
20:00	21:00	21:00	13:00	13:00	13:00	13:00	13:00	13:00	21:00	20:00	20:00
21:00	21:00	21:00	13:00	13:00	13:00	13:00	22:00	13:00	21:00	19:00	20:00
4705	4850	4635	4129	4158	4420	4609	3518	3761	3809	4189	4622
6354	6829	6153	5460	5138	5980	6267	4993	5309	5451	5534	7495
6935	6901	6746	6738	6235	5565	6639	4942	5958	5595	6599	7472

²Terminology 2.15, see also note Physical energy exchange in interconnected operation³including deliveries from industry

Physical exchanges in interconnected operation ¹

Portugal

GWh

MM_YY	PT→ES	Export (-)		Total_EXP	ES→PT	Import (+)		Total_IMP	PT_UCTE	PT_Total
		UCTE_EXP	Balance			UCTE_IMP	Balance			
I.96	304	304	304	304	272	272	272	272	-32	-32
II.96	263	263	263	263	253	253	253	253	-10	-10
III.96	216	216	216	216	209	209	209	209	-7	-7
IV.96	206	206	206	206	200	200	200	200	-6	-6
V.96	179	179	179	179	165	165	165	165	-14	-14
VI.96	304	304	304	304	293	293	293	293	-11	-11
VII.96	400	400	400	400	392	392	392	392	-8	-8
VIII.96	391	391	391	391	380	380	380	380	-11	-11
IX.96	234	234	234	234	434	434	434	434	200	200
X.96	114	114	114	114	526	526	526	526	412	412
XI.96	183	183	183	183	503	503	503	503	320	320
XII.96	211	211	211	211	403	403	403	403	192	192
1996	3005	3005	3005	3005	4030	4030	4030	4030	1025	1025
I.05	409	409	409	409	942	942	942	942	533	533
II.05	338	338	338	338	682	682	682	682	344	344
III.05	281	281	281	281	742	742	742	742	461	461
IV.05	188	188	188	188	683	683	683	683	495	495
V.05	158	158	158	158	716	716	716	716	558	558
VI.05	216	216	216	216	677	677	677	677	461	461
VII.05	267	267	267	267	782	782	782	782	515	515
VIII.05	117	117	117	117	659	659	659	659	542	542
IX.05	148	148	148	148	858	858	858	858	710	710
X.05	150	150	150	150	931	931	931	931	781	781
XI.05	181	181	181	181	894	894	894	894	713	713
XII.05	353	353	353	353	911	911	911	911	558	558
2005	2806	2806	2806	2806	9477	9477	9477	9477	6671	6671
I.06	223	223	223	223	914	914	914	914	691	691
II.06	251	251	251	251	806	806	806	806	555	555
III.06	330	330	330	330	824	824	824	824	494	494
IV.06	271	271	271	271	541	541	541	541	270	270
V.06	196	196	196	196	727	727	727	727	531	531
VI.06	151	151	151	151	812	812	812	812	661	661
VII.06	254	254	254	254	775	775	775	775	521	521
VIII.06	299	299	299	299	643	643	643	643	344	344
IX.06	110	110	110	110	808	808	808	808	698	698
X.06	258	258	258	258	783	783	783	783	525	525
XI.06	357	357	357	357	502	502	502	502	145	145
XII.06	483	483	483	483	346	346	346	346	-137	-137
2006	3183	3183	3183	3183	8481	8481	8481	8481	5298	5298

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	Export (-)							Import (+)			UCTE_IMP	Total_IMP	RO_UCTE	RO_Total
	RO→BG	RO→CS	RO→HU	RO→UA_W	RO→MD	UCTE_EXP	Total_EXP	BG→RO	CS→RO	HU→RO	UA_W→RO	MD→RO		
I.96	n.a.	44	n.a.	n.a.	n.a.	44	n.a.	n.a.	2	n.a.	n.a.	n.a.	-42	n.a.
II.96	n.a.	26	n.a.	n.a.	n.a.	26	n.a.	n.a.	8	n.a.	n.a.	n.a.	-18	n.a.
III.96	n.a.	2	n.a.	n.a.	n.a.	2	n.a.	n.a.	68	n.a.	n.a.	n.a.	66	n.a.
IV.96	n.a.	4	n.a.	n.a.	n.a.	4	n.a.	n.a.	78	n.a.	n.a.	n.a.	74	n.a.
V.96	n.a.	2	n.a.	n.a.	n.a.	2	n.a.	n.a.	90	n.a.	n.a.	n.a.	88	n.a.
VI.96	n.a.	0	n.a.	n.a.	n.a.	0	n.a.	n.a.	110	n.a.	n.a.	n.a.	110	n.a.
VII.96	n.a.	12	n.a.	n.a.	n.a.	12	n.a.	n.a.	40	n.a.	n.a.	n.a.	28	n.a.
VIII.96	n.a.	6	n.a.	n.a.	n.a.	6	n.a.	n.a.	47	n.a.	n.a.	n.a.	41	n.a.
IX.96	n.a.	45	n.a.	n.a.	n.a.	45	n.a.	n.a.	20	n.a.	n.a.	n.a.	-25	n.a.
X.96	n.a.	102	n.a.	n.a.	n.a.	102	n.a.	n.a.	0	n.a.	n.a.	n.a.	-102	n.a.
XI.96	n.a.	43	n.a.	n.a.	n.a.	43	n.a.	n.a.	7	n.a.	n.a.	n.a.	-36	n.a.
XII.96	n.a.	61	n.a.	n.a.	n.a.	61	n.a.	n.a.	12	n.a.	n.a.	n.a.	-49	n.a.
1996	n.a.	347	n.a.	n.a.	n.a.	347	n.a.	n.a.	482	n.a.	n.a.	n.a.	135	n.a.
I.05	81	280	81	0	0	442	442	23	0	28	56	14	51	-391
II.05	60	304	99	6	0	463	469	29	0	8	70	0	37	-426
III.05	12	241	82	13	0	335	348	109	0	18	51	0	127	-208
IV.05	22	187	45	0	0	254	254	100	0	19	60	0	119	-135
V.05	3	51	112	2	0	166	168	90	8	11	43	0	109	-57
VI.05	15	98	113	1	0	226	227	84	2	7	53	0	93	-133
VII.05	68	115	94	0	0	277	277	54	13	13	73	0	80	-124
VIII.05	87	138	102	2	0	327	329	29	7	6	43	0	42	-244
IX.05	57	164	97	0	0	318	318	69	0	10	47	0	79	-192
X.05	99	213	105	0	0	417	417	86	3	18	69	0	107	-241
XI.05	141	348	136	6	0	625	631	55	0	4	45	0	59	-527
XII.05	152	364	124	0	0	640	640	2	0	4	73	0	6	-561
2005	797	2503	1190	30	0	4490	4520	730	33	146	683	14	909	-2914
I.06	74	382	155	0	0	611	611	32	0	1	72	0	33	-506
II.06	55	381	152	1	0	588	589	40	0	0	49	0	40	-500
III.06	65	315	204	1	0	584	585	70	0	0	49	0	70	-466
IV.06	13	233	145	9	0	391	400	66	0	0	28	0	66	-306
V.06	41	179	164	0	0	384	384	55	0	4	47	0	59	-278
VI.06	70	181	135	2	0	386	388	82	0	1	62	0	83	-243
VII.06	85	197	137	0	0	419	419	84	1	0	106	0	85	-228
VIII.06	141	162	138	11	0	441	452	102	2	0	43	0	104	-305
IX.06	74	251	94	22	0	419	441	151	0	2	40	0	153	-248
X.06	85	255	59	1	0	399	400	26	0	11	84	0	37	-279
XI.06	248	311	29	0	0	588	588	2	0	6	146	0	8	-434
XII.06	187	415	25	0	0	627	627	0	0	4	167	0	4	-623
2006	1138	3262	1437	47	0	5837	5884	710	3	29	893	0	742	-4249

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".

			I-XII	
			1996	n.a.
Thermal nuclear net production	GWh	Σ	2005 2006	5132 5204
Thermal conventional net production	GWh	Σ	1996 2005 2006	n.a. 29764 34236
Hydraulic net production	GWh	Σ	1996 2005 2006	n.a. 19908 17982
Other renewable net production ¹	GWh	Σ	2005 2006	0 0
- of which wind	GWh	Σ	2005 2006	0 0
Not clearly identifiable net production ¹	GWh	Σ	2005 2006	0 0
Total net electrical energy production, calculated to represent 100% of the national values	GWh	Σ	1996 2005 ³ 2006 ³	n.a. 54804 57422
Physical import	GWh	Σ	1996 2005 2006	n.a. 1606 1635
Physical export	GWh	Σ	1996 2005 2006	n.a. 4520 5884
Total physical import/export balance ²	GWh	Σ	1996 2005 2006	n.a. -2919 -4252
Consumption of pumps	GWh	Σ	1996 2005 2006	n.a. 0 154
National electrical consumption, calculated to represent 100% of the national values	GWh	Σ	1996 2005 2006	n.a. 51885 53016
Consumption load 3:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1996 2005 2006	n.a. 6269 6226
Consumption load 11:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1996 2005 2006	n.a. 7328 7772
Highest load on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1996 2005 2006	n.a. 7974 7974
Time of highest load on the 3rd Wednesday		CET	1996 2005 2006	n.a. 18:00 18:00
Power produced in parallel operation on the 3rd Wednesday at 11:00 a.m.	MW	max.	1996 2005 2006	n.a. 7328 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").

Monthly values / Operation

Romania

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.
402	383	487	474	487	468	440	289	283	490	440	489
486	440	487	372	489	471	479	479	124	413	475	489
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
3371	3300	2966	2249	1378	1574	1656	1889	2228	2477	3257	3419
3451	3365	3175	2407	2145	1817	2245	2405	2542	3190	3742	3752
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
1350	1250	1560	1666	2204	1906	1932	2009	1613	1541	1434	1443
1432	1235	1597	1693	1842	2018	1710	1654	1701	1103	913	1084
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
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.
5123	4933	5013	4389	4069	3948	4028	4187	4124	4508	5131	5351
5369	5040	5259	4472	4476	4306	4434	4538	4367	4706	5130	5325
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
121	107	178	179	152	146	153	85	126	176	104	79
105	89	119	94	106	145	191	147	193	121	154	171
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	0	n.a.	n.a.	n.a.
442	469	348	254	168	227	277	329	318	417	631	640
611	589	585	400	384	388	419	452	441	400	588	627
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
-321	-363	-170	-76	-17	-81	-125	-244	-192	-241	-527	-562
-508	-500	-467	-305	-278	-244	-228	-306	-248	-278	-434	-456
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
4	3	6	30	39	22	18	16	4	6	5	1
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
4802	4570	4843	4313	4052	3867	3903	3943	3932	4267	4604	4789
4857	4537	4786	4137	4159	4040	4188	4216	4115	4422	4691	4868
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
6269	5952	5802	5510	4936	4844	4670	4794	4936	5321	5568	5766
6226	6065	5928	5462	4990	5107	5174	5047	5048	5470	5666	6191
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
7328	7235	6583	6459	6052	5983	5785	5983	6431	6729	7023	7143
7772	7559	7443	6806	6039	6228	6177	6007	6322	6743	6737	7288
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
7810	7748	7384	6689	6225	6134	6041	6114	6590	7192	7731	7974
7772	7717	7601	6980	6372	6406	6426	6432	6855	7323	7512	7974
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	19:00	08:00	21:00	21:00	13:00	21:00	19:00	19:00	17:00	18:00
11:00	21:00	21:00	23:00	22:00	14:00	15:00	23:00	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.
7328	7235	6583	6459	6052	5983	5785	5983	6431	6729	7023	7143
8414	8470	8220	7539	6618	6740	6563	6600	6799	7437	7727	8004

²Terminology 2.15, see also note Physical energy exchange in interconnected operation³including deliveries from industry

			I-XII	
			1996	n.a.
Thermal nuclear net production	GWh	Σ	2005 2006	5609 5281
Thermal conventional net production	GWh	Σ	1996 2005 2006	n.a. 4601 4727
Hydraulic net production	GWh	Σ	1996 2005 2006	n.a. 3002 3121
Other renewable net production ¹	GWh	Σ	2005 2006	0 0
- of which wind	GWh	Σ	2005 2006	0 0
Not clearly identifiable net production ¹	GWh	Σ	2005 2006	0 0
Total net electrical energy production, calculated to represent 100% of the national values	GWh	Σ	1996 2005 2006	n.a. 13212 13129
Physical import	GWh	Σ	1996 2005 2006	n.a. 9285 7716
Physical export	GWh	Σ	1996 2005 2006	n.a. 9540 7487
Total physical import/export balance ²	GWh	Σ	1996 2005 2006	n.a. -445 202
Consumption of pumps	GWh	Σ	1996 2005 2006	n.a. 0 0
National electrical consumption, calculated to represent 100% of the national values	GWh	Σ	1996 2005 2006	n.a. 12767 13331
Consumption load 3:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1996 2005 2006	n.a. 1416 1420
Consumption load 11:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1996 2005 2006	n.a. 1991 2045
Highest load on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1996 2005 2006	n.a. 2074 2166
Time of highest load on the 3rd Wednesday		CET	1996 2005 2006	n.a. 08:00 19:00
Power produced in parallel operation on the 3rd Wednesday at 11:00 a.m.	MW	max.	1996 2005 2006	n.a. 2079 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").

Monthly values / Operation

Slovenia

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.
492	447	494	441	495	457	492	443	480	448	473	447
483	448	479	107	253	493	491	505	495	513	496	518
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	479	428	376	292	398	311	229	289	416	483	421
469	415	389	313	373	393	424	320	351	426	463	391
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
132	126	166	276	291	223	338	343	309	373	207	218
146	153	271	380	454	354	260	287	230	221	160	205
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
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.
1103	1052	1088	1093	1078	1078	1141	1015	1078	1237	1163	1086
1098	1016	1139	800	1080	1240	1175	1112	1076	1160	1119	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.
894	804	917	853	654	739	803	587	716	881	674	763
773	722	751	938	688	582	602	464	442	603	556	595
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	0	n.a.	n.a.	n.a.
886	811	860	916	685	764	882	599	732	999	746	660
654	645	713	730	700	726	656	554	421	621	517	550
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	-9	54	-64	-34	-26	-86	-15	-18	-122	-30	-101
119	75	36	204	-13	-147	-58	-90	17	-21	35	45
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.
1109	1043	1142	1029	1044	1052	1055	1000	1060	1115	1133	985
1217	1091	1175	1004	1067	1093	1117	1022	1093	1139	1154	1159
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
1316	1309	1330	1244	1195	1210	1284	1151	1248	1301	1333	1416
1420	1414	1344	1174	1203	1370	1312	1023	1208	1273	1363	1376
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
1955	1895	1827	1807	1843	1792	1808	1669	1831	1867	1881	1991
2045	1996	1946	1789	1776	1926	1863	1606	1836	1894	1916	1993
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
2003	2013	2010	1870	1849	1847	1848	1721	1957	1997	2068	2074
2128	2124	2040	1830	1822	1988	1931	1670	1973	2089	2136	2166
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	21:00	12:00	13:00	12:00	09:00	20:00	20:00	18:00	08:00
19:00	19:00	20:00	09:00	14:00	15:00	13:00	13:00	20:00	20:00	19:00	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.
1762	1755	1764	1965	1885	1830	1940	1720	1865	2079	1913	1728
1837	1789	1890	1382	1880	2082	1915	1842	2049	1877	1716	1743

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

MM_YY	Export (-)				Import (+)				Total_IMP	SI_UCTE	SI_Total
	SI→AT	SI→HR	SI→IT	UCTE_EXP	Total_EXP	AT→SI	HR→SI	IT→SI			
I.96	5	0	127	132	132	132	0	55	187	55	55
II.96	3	0	64	67	67	118	0	77	195	128	128
III.96	5	0	58	63	63	116	0	63	179	116	116
IV.96	27	0	151	178	178	61	0	25	86	-92	-92
V.96	30	0	147	177	177	111	0	17	128	-49	-49
VI.96	1	0	71	72	72	161	0	46	207	135	135
VII.96	2	0	78	80	80	165	0	57	222	142	142
VIII.96	30	0	48	78	78	94	0	65	159	81	81
IX.96	2	0	89	91	91	114	0	41	155	64	64
X.96	15	0	212	227	227	64	0	10	74	-153	-153
XI.96	18	0	222	240	240	95	0	17	112	-128	-128
XII.96	13	0	181	194	194	88	0	34	122	-72	-72
1996	151	0	1448	1599	1599	1319	0	507	1826	227	227
I.05	75	22	789	886	886	126	768	0	894	8	8
II.05	40	46	725	811	811	116	688	0	804	-7	-7
III.05	42	29	789	860	860	68	849	0	917	57	57
IV.05	14	60	842	916	916	116	737	0	853	-63	-63
V.05	6	99	580	685	685	76	578	0	654	-31	-31
VI.05	68	66	630	764	764	128	611	0	739	-25	-25
VII.05	20	130	732	882	882	154	649	0	803	-79	-79
VIII.05	50	177	372	599	599	110	477	0	587	-12	-12
IX.05	46	140	546	732	732	134	582	0	716	-16	-16
X.05	28	137	834	999	999	186	695	0	881	-118	-118
XI.05	58	140	548	746	746	93	581	0	674	-72	-72
XII.05	86	30	544	660	660	34	729	0	763	103	103
2005	533	1076	7931	9540	9540	1341	7944	0	9285	-255	-255
I.06	222	14	418	654	654	10	762	1	773	119	119
II.06	158	10	477	645	645	14	707	1	722	77	77
III.06	128	19	566	713	713	25	724	2	751	38	38
IV.06	12	17	701	730	730	139	799	0	938	208	208
V.06	6	103	591	700	700	86	602	0	688	-12	-12
VI.06	25	181	520	726	726	98	484	0	582	-144	-144
VII.06	73	139	444	656	656	108	493	1	602	-54	-54
VIII.06	56	209	289	554	554	96	367	1	464	-90	-90
IX.06	85	132	204	421	421	65	373	4	442	21	21
X.06	112	94	415	621	621	90	512	1	603	-18	-18
XI.06	46	79	392	517	517	52	503	1	556	39	39
XII.06	139	39	372	550	550	50	545	0	595	45	45
2006	1062	1036	5389	7487	7487	833	6871	12	7716	229	229

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	Export (-)						Import (+)				UCTE_IMP	Total_IMP	SK_UCTE	SK_Total
	SK→CZ	SK→HU	SK→PL	SK→UA_W	UCTE_EXP	Total_EXP	CZ→SK	HU→SK	PL→SK	UA_W→SK				
I.96	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.96	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.96	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.96	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.96	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.96	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.96	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.96	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.96	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.96	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.96	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.96	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.
1996	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.05	55	918	0	187	973	1160	547	0	297	0	844	844	-129	-316
II.05	49	822	0	172	871	1043	510	0	282	0	792	792	-79	-251
III.05	35	785	0	99	820	919	538	0	260	0	798	798	-22	-121
IV.05	43	680	0	169	723	892	457	0	272	0	729	729	6	-163
V.05	10	653	0	141	663	804	473	0	213	0	686	686	23	-118
VI.05	49	612	0	109	661	770	414	0	199	0	613	613	-48	-157
VII.05	55	895	0	69	950	1019	508	0	127	2	635	637	-315	-382
VIII.05	112	581	0	83	693	776	375	0	28	2	403	405	-290	-371
IX.05	79	500	0	104	579	683	360	0	156	0	516	516	-63	-167
X.05	89	744	0	157	833	990	474	0	272	0	746	746	-87	-244
XI.05	105	749	0	210	854	1064	530	0	348	0	878	878	24	-186
XII.05	81	867	0	222	948	1170	586	0	338	0	924	924	-24	-246
2005	762	8806	0	1722	9568	11290	5772	0	2792	4	8564	8568	-1004	-2722
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

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".

				I-XII
Thermal nuclear net production	GWh	Σ	1996 2005 2006	n.a. 16376 16631
Thermal conventional net production	GWh	Σ	1996 2005 2006	n.a. 5508 5409
Hydraulic net production	GWh	Σ	1996 2005 2006	n.a. 4571 4401
Other renewable net production ¹	GWh	Σ	2005 2006	6 10
- of which wind	GWh	Σ	2005 2006	6 3
Not clearly identifiable net production ¹	GWh	Σ	2005 2006	2680 2591
Total net electrical energy production, calculated to represent 100% of the national values	GWh	Σ	1996 2005 ³ 2006 ³	n.a. 29141 29042
Physical import	GWh	Σ	1996 2005 2006	n.a. 8568 9325
Physical export	GWh	Σ	1996 2005 2006	n.a. 11290 10925
Total physical import/export balance ²	GWh	Σ	1996 2005 2006	n.a. -2721 -1602
Consumption of pumps	GWh	Σ	1996 2005 2006	n.a. 137 232
National electrical consumption, calculated to represent 100% of the national values	GWh	Σ	1996 2005 2006	n.a. 26283 27208
Consumption load 3:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1996 2005 2006	n.a. 3373 3573
Consumption load 11:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1996 2005 2006	n.a. 4010 4194
Highest load on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1996 2005 2006	n.a. 4323 4316
Time of highest load on the 3rd Wednesday		CET	1996 2005 2006	n.a. 17:00 17:00
Power produced in parallel operation on the 3rd Wednesday at 11:00 a.m.	MW	max.	1996 2005 2006	n.a. 4219 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").

Monthly values / Operation

Slovak Republic

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.
1672	1491	1282	1084	920	1186	1408	1360	1293	1435	1545	1700
1679	1525	1595	1103	1252	1282	1254	1393	1150	1335	1392	1671
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
537	541	533	373	453	328	292	231	399	596	641	584
730	527	513	374	312	271	395	310	388	535	503	551
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
354	330	471	578	578	392	427	512	268	226	173	262
270	285	422	643	545	559	349	348	248	185	324	223
1	0	1	0	1	0	0	0	0	1	1	1
1	0	1	1	1	1	0	1	1	1	1	1
1	0	1	0	1	0	0	0	0	1	1	1
1	0	0	0	0	0	0	0	0	0	1	1
259	243	261	222	202	191	181	195	183	224	249	270
252	222	242	236	213	207	191	188	201	182	211	246
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
2823	2605	2548	2257	2154	2097	2308	2298	2143	2482	2609	2817
2932	2559	2773	2357	2323	2320	2189	2240	1988	2238	2431	2692
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
844	792	798	729	686	613	637	405	516	746	878	924
860	835	683	574	574	522	594	628	772	1034	1063	1186
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	0	n.a.	n.a.	n.a.
1160	1043	919	892	804	770	1019	776	683	990	1064	1170
1145	990	923	742	772	762	684	788	687	1000	1074	1358
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
-316	-251	-121	-163	-117	-157	-381	-370	-168	-244	-187	-246
-285	-155	-241	-168	-198	-239	-90	-161	86	34	-12	-173
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
13	4	8	12	6	6	5	16	15	16	18	18
24	27	28	21	15	11	17	15	17	20	20	17
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
2494	2350	2419	2082	2031	1934	1922	1912	1960	2222	2404	2553
2623	2377	2504	2168	2110	2070	2082	2064	2057	2252	2399	2502
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
3373	3337	3152	2651	2543	2574	2558	2437	2598	2995	3154	3373
3573	3413	3332	2834	2698	2738	2729	2500	2693	2886	3173	3261
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
4010	3886	3351	3333	3326	3244	3083	3142	3285	3543	3812	3915
4194	4017	3876	3338	3342	3336	3378	3189	3326	3565	3817	4050
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
4172	4106	3900	3450	3384	3244	3163	3188	3435	3837	4033	4323
4316	4180	4081	3495	3389	3440	3430	3270	3435	3930	4076	4254
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	19:00	20:00	09:00	11:00	12:00	12:00	20:00	19:00	17:00	17:00
17:00	19:00	19:00	21:00	13:00	13:00	13:00	13:00	10:00	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.
4219	4140	3595	3373	3200	3159	3414	3503	3364	3558	3949	4048
4379	4175	4018	3457	3368	3539	3218	3318	2953	3307	3847	4023

²Terminology 2.15, see also note Physical energy exchange in interconnected operation³including deliveries from industry

			I-XII	
			1996	n.a.
Thermal nuclear net production	GWh	Σ	2005	0
			2006	0
Thermal conventional net production	GWh	Σ	1996	n.a.
			2005	15472
			2006	20093
Hydraulic net production	GWh	Σ	1996	n.a.
			2005	23
			2006	25
Other renewable net production ¹	GWh	Σ	2005	6386
			2006	6113
- of which wind	GWh	Σ	2005	5038
			2006	4671
Not clearly identifiable net production ¹	GWh	Σ	2005	0
			2006	1
Total net electrical energy production, calculated to represent 100% of the national values	GWh	Σ	1996	n.a.
			2005 ³	21881
			2006 ³	26232
Physical import	GWh	Σ	1996	n.a.
			2005	7367
			2006	3793
Physical export	GWh	Σ	1996	n.a.
			2005	7948
			2006	8290
Total physical import/export balance ²	GWh	Σ	1996	n.a.
			2005	-585
			2006	-4499
Consumption of pumps	GWh	Σ	1996	n.a.
			2005	0
			2006	0
National electrical consumption, calculated to represent 100% of the national values	GWh	Σ	1996	n.a.
			2005	21296
			2006	21733
Consumption load 3:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1996	n.a.
			2005	2113
			2006	2090
Consumption load 11:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1996	n.a.
			2005	3545
			2006	3565
Highest load on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1996	n.a.
			2005	3569
			2006	3652
Time of highest load on the 3rd Wednesday		CET	1996	n.a.
			2005	18:00
			2006	18:00
Power produced in parallel operation on the 3rd Wednesday at 11:00 a.m.	MW	max.	1996	n.a.
			2005	4609
			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").

Monthly values / Operation

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.
1531	1563	1736	1121	1015	1146	958	1107	1199	1228	1295	1573
2095	2005	2257	1537	1274	1477	1387	1551	1520	1645	1732	1613
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	3	2	2	1	1	1	1	1	2	2
2	3	2	3	2	1	1	1	1	2	3	4
910	583	559	482	446	455	336	440	425	466	581	703
551	432	532	510	565	388	273	301	476	481	782	822
815	482	435	377	344	347	226	330	304	340	465	573
410	299	390	387	456	264	156	185	387	367	665	705
0	0	0	0	0	0	0	0	0	0	0	0
0	1	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.
2445	2149	2298	1605	1463	1602	1295	1548	1625	1695	1878	2278
2648	2441	2791	2050	1841	1866	1661	1853	1997	2128	2517	2439
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
392	507	475	764	784	624	627	604	611	594	790	595
363	233	138	267	394	372	427	473	277	362	177	310
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	0	n.a.	n.a.	n.a.
880	835	895	679	578	568	364	444	541	511	759	894
925	840	922	610	536	572	472	601	574	653	765	820
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
-488	-329	-420	84	205	56	263	160	70	81	31	-298
-563	-608	-785	-344	-141	-200	-43	-128	-297	-292	-588	-510
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.
1957	1820	1878	1689	1668	1658	1558	1708	1695	1776	1909	1980
2085	1833	2006	1706	1700	1666	1618	1725	1700	1836	1929	1929
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
1953	2113	2053	1840	1832	1823	1550	1812	1834	1779	1981	2034
2090	2053	2078	1844	1790	1909	1704	1786	1810	1829	1934	2034
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
3485	3545	3365	3062	3030	3029	2481	3093	3053	2996	3257	3454
3565	3507	3435	3053	3057	3072	2616	3013	3021	3121	3311	3393
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
3538	3569	3365	3078	3083	3029	2497	3093	3053	3064	3445	3527
3652	3507	3435	3053	3057	3072	2616	3013	3021	3121	3497	3511
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	18:00	11:00	10:00	10:00	11:00	10:00	11:00	11:00	10:00	18:00	08:00
18:00	11:00	11:00	11:00	11:00	11:00	11:00	11:00	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.
3061	3995	4609	3154	2869	3012	2554	2998	3191	3471	3219	3765
3347	4876	4036	3868	3734	4425	2488	3298	3715	2914	3950	3794

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

³including deliveries from industry

Physical exchanges in interconnected operation ¹

Denmark West GWh

MM_YY	Export (-)						Import (+)				Balance		
	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
I.96	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.96	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.96	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.96	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.96	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.96	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.96	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.96	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.96	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.96	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.96	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.96	n.a.	n.a.	n.a.	n.a.	n.a.		n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
1996	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.05	698	115	67	698	880		3	319	70	3	392	-695	-488
II.05	734	27	74	734	835		0	436	71	0	507	-734	-328
III.05	669	99	127	669	895		59	362	54	59	475	-610	-420
IV.05	641	24	14	641	679		31	532	201	31	764	-610	85
V.05	522	47	9	522	578		78	478	228	78	784	-444	206
VI.05	554	9	5	554	568		18	320	286	18	624	-536	56
VII.05	361	3	0	361	364		2	333	292	2	627	-359	263
VIII.05	410	24	10	410	444		78	271	255	78	604	-332	160
IX.05	537	4	0	537	541		12	294	305	12	611	-525	70
X.05	481	23	7	481	511		33	304	257	33	594	-448	83
XI.05	740	7	12	740	759		8	602	180	8	790	-732	31
XII.05	736	84	74	736	894		17	460	118	17	595	-719	-299
2005	7083	466	399	7083	7948		339	4711	2317	339	7367	-6744	-581
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

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	Export (-)						Import (+)						UA_W_UCTE	UA_W_Total
	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				
I.96	n.a.	n.a.	n.a.	0	n.a.	n.a.	n.a.	n.a.	0	n.a.	n.a.	0	n.a.	
II.96	n.a.	n.a.	n.a.	0	n.a.	n.a.	n.a.	n.a.	0	n.a.	n.a.	0	n.a.	
III.96	n.a.	n.a.	n.a.	0	n.a.	n.a.	n.a.	n.a.	0	n.a.	n.a.	0	n.a.	
IV.96	n.a.	n.a.	n.a.	0	n.a.	n.a.	n.a.	n.a.	0	n.a.	n.a.	0	n.a.	
V.96	n.a.	n.a.	n.a.	0	n.a.	n.a.	n.a.	n.a.	0	n.a.	n.a.	0	n.a.	
VI.96	n.a.	n.a.	n.a.	0	n.a.	n.a.	n.a.	n.a.	0	n.a.	n.a.	0	n.a.	
VII.96	n.a.	n.a.	n.a.	0	n.a.	n.a.	n.a.	n.a.	0	n.a.	n.a.	0	n.a.	
VIII.96	n.a.	n.a.	n.a.	0	n.a.	n.a.	n.a.	n.a.	0	n.a.	n.a.	0	n.a.	
IX.96	n.a.	n.a.	n.a.	0	n.a.	n.a.	n.a.	n.a.	0	n.a.	n.a.	0	n.a.	
X.96	n.a.	n.a.	n.a.	0	n.a.	n.a.	n.a.	n.a.	0	n.a.	n.a.	0	n.a.	
XI.96	n.a.	n.a.	n.a.	0	n.a.	n.a.	n.a.	n.a.	0	n.a.	n.a.	0	n.a.	
XII.96	n.a.	n.a.	n.a.	0	n.a.	n.a.	n.a.	n.a.	0	n.a.	n.a.	0	n.a.	
1996	n.a.	n.a.	n.a.	0	n.a.	n.a.	n.a.	n.a.	0	n.a.	n.a.	0	n.a.	
I.05	438	56	0	494	494	0	0	187	187	187	-307	-307	-307	
II.05	406	70	0	476	476	0	6	172	178	178	-298	-298	-298	
III.05	386	51	0	437	437	15	13	99	127	127	-310	-310	-310	
IV.05	403	60	0	463	463	3	0	169	172	172	-291	-291	-291	
V.05	389	43	0	432	432	2	2	141	145	145	-287	-287	-287	
VI.05	353	53	0	406	406	0	1	109	110	110	-296	-296	-296	
VII.05	228	73	2	303	303	0	0	69	69	69	-234	-234	-234	
VIII.05	373	43	2	418	418	5	2	83	90	90	-328	-328	-328	
IX.05	412	47	0	459	459	1	0	104	105	105	-354	-354	-354	
X.05	426	69	0	495	495	0	0	157	157	157	-338	-338	-338	
XI.05	509	45	0	554	554	0	6	210	216	216	-338	-338	-338	
XII.05	491	73	0	564	564	0	0	222	222	222	-342	-342	-342	
2005	4814	683	4	5501	5501	26	30	1722	1778	1778	-3723	-3723	-3723	
I.06	498	72	4	574	574	0	0	225	225	225	-349	-349	-349	
II.06	447	49	5	501	501	0	1	182	183	183	-318	-318	-318	
III.06	426	49	5	480	480	0	1	127	128	128	-352	-352	-352	
IV.06	380	28	6	414	414	2	9	64	75	75	-339	-339	-339	
V.06	413	47	8	468	468	2	0	88	90	90	-378	-378	-378	
VI.06	347	62	6	415	415	3	2	63	68	68	-347	-347	-347	
VII.06	181	106	27	314	314	4	0	55	59	59	-255	-255	-255	
VIII.06	344	43	12	399	399	0	11	58	69	69	-330	-330	-330	
IX.06	470	40	5	515	515	0	22	127	149	149	-366	-366	-366	
X.06	475	84	5	564	564	0	1	212	213	213	-351	-351	-351	
XI.06	425	146	5	576	576	2	0	236	238	238	-338	-338	-338	
XII.06	445	167	6	618	618	0	0	280	280	280	-338	-338	-338	
2006	4851	893	94	5838	5838	13	47	1717	1777	1777	-4061	-4061	-4061	

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".

			I-XII	
			1996	n.a.
Thermal nuclear net production	GWh	Σ	2005 2006	0 0
Thermal conventional net production	GWh	Σ	1996 2005 2006	n.a. 7976 8274
Hydraulic net production	GWh	Σ	1996 2005 2006	n.a. 110 128
Other renewable net production ¹	GWh	Σ	2005 2006	0 0
- of which wind	GWh	Σ	2005 2006	0 0
Not clearly identifiable net production ¹	GWh	Σ	2005 2006	0 0
Total net electrical energy production, calculated to represent 100% of the national values	GWh	Σ	1996 2005 ³ 2006 ³	n.a. 8086 8402
Physical import	GWh	Σ	1996 2005 2006	n.a. 1778 1777
Physical export	GWh	Σ	1996 2005 2006	n.a. 5501 5838
Total physical import/export balance ²	GWh	Σ	1996 2005 2006	n.a. -3724 -4074
Consumption of pumps	GWh	Σ	1996 2005 2006	n.a. 0 0
National electrical consumption, calculated to represent 100% of the national values	GWh	Σ	1996 2005 2006	n.a. 4362 4328
Consumption load 3:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1996 2005 2006	n.a. 726 712
Consumption load 11:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1996 2005 2006	n.a. 833 887
Highest load on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1996 2005 2006	n.a. 978 969
Time of highest load on the 3rd Wednesday		CET	1996 2005 2006	n.a. 17:00 17:00
Power produced in parallel operation on the 3rd Wednesday at 11:00 a.m.	MW	max.	1996 2005 2006	n.a. 1356 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").

Monthly values / Operation

Ukraine 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.
770	729	735	625	583	585	513	594	608	700	747	787
805	729	783	674	667	630	568	616	654	685	712	751
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	11	19	20	11	6	9	6	4	5	7
6	6	9	19	18	18	8	11	11	5	11	6
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
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.
776	735	746	644	603	596	519	603	614	704	752	794
811	735	792	693	685	648	576	627	665	690	723	757
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
187	178	127	172	145	110	69	90	105	157	216	222
225	183	128	75	90	68	59	69	149	213	238	280
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	0	n.a.	n.a.	n.a.
494	476	437	463	432	406	303	418	459	495	554	564
574	501	480	414	468	415	314	399	515	564	576	618
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
-307	-297	-310	-291	-286	-296	-235	-329	-354	-338	-338	-343
-348	-318	-352	-339	-378	-346	-255	-344	-366	-351	-339	-338
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.
469	438	436	353	317	300	284	274	260	366	414	451
463	417	440	354	307	302	321	283	299	339	384	419
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
726	661	631	505	487	458	406	390	398	570	592	677
691	712	631	520	446	484	478	430	445	519	570	586
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
827	799	734	669	578	574	576	567	494	712	749	833
887	847	778	674	605	598	600	572	593	654	716	740
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
954	957	869	785	644	657	629	601	619	857	874	978
969	944	914	774	640	651	654	667	717	834	876	923
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	18:00	20:00	14:00	21:00	21:00	20:00	20:00	19:00	18:00	17:00
17:00	18:00	19:00	20:00	19:00	21:00	21:00	21:00	20:00	19:00	16:00	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.
1339	1292	1246	1183	1090	1081	919	1083	1033	1211	1247	1356
1399	1339	1272	1254	1154	1153	964	1121	1143	1170	1180	1252

²Terminology 2.15, see also note Physical energy exchange in interconnected operation³including deliveries from industry

			I-XII	
Thermal nuclear net production	GWh	Σ	1996 2005 2006	657235 792648 801865
Thermal conventional net production	GWh	Σ	1996 2005 2006	770081 1349127 1354595
Hydraulic net production	GWh	Σ	1996 2005 2006	284551 292419 305581
Other renewable net production ¹	GWh	Σ	2005 2006	90699 105415
- of which wind	GWh	Σ	2005 2006	54693 67845
Not clearly identifiable net production ¹	GWh	Σ	2005 2006	7501 9671
Total net electrical energy production, calculated to represent 100% of the national values	GWh	Σ	1996 ³ 2005 ³ 2006 ³	1841400 2540395 2584670
Physical import	GWh	Σ	1996 2005 2006	159321 322181 313748
Physical export	GWh	Σ	1996 2005 2006	171723 316515 320083
Total physical import/export balance ²	GWh	Σ	1996 2005 2006	-12371 2962 -8751
Consumption of pumps	GWh	Σ	1996 2005 2006	27627 46508 44675
National electrical consumption, calculated to represent 100% of the national values	GWh	Σ	1996 2005 2006	1801402 2496849 2531244
Consumption load 3:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1996 2005 2006	204433 281332 276647
Consumption load 11:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1996 2005 2006	270674 379157 376575
Highest load on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1996 2005 2006	271725 390034 391622
Time of highest load on the 3rd Wednesday		CET	1996 2005 2006	19:00 19:00 18:00
Power produced in parallel operation on the 3rd Wednesday at 11:00 a.m.	MW	max.	1996 2005 2006	264854 376146 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").

Monthly values / Operation

UCTE ⁴

I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
63269	57265	58027	54277	51593	46154	49176	49183	51736	56170	58838	61547
78395	68556	69710	61589	59682	58276	60048	60580	62361	66938	69743	76770
78433	67661	69125	65809	63274	62089	62612	62645	63205	66611	66784	73617
70926	71779	74386	59407	55539	58000	61004	55839	62197	66880	66457	67667
121321	120150	122267	104389	98624	104050	108847	98337	104810	110897	124415	131020
137923	127821	126908	95989	95834	101864	112901	99925	105593	110004	118468	121365
27546	25460	21554	21820	27325	25046	23687	19647	18711	21023	23613	29119
23419	23163	25449	27753	30965	27344	25629	23447	21717	21104	20174	22255
23038	20715	28536	30239	31692	28125	26588	23532	22312	22281	22648	25875
11241	8192	7784	6885	6396	5502	6530	6613	6287	7769	8123	9377
9002	7885	9797	8060	8708	6335	5801	8359	7662	10412	11611	11783
8633	5727	5126	4158	3640	2970	3313	3336	3030	4376	4586	5798
6082	5102	6731	5072	5687	3181	2834	5206	4548	6834	8156	8412
349	328	343	812	922	673	718	723	623	678	560	772
661	600	283	901	1003	950	820	942	852	840	977	842
173968	166116	165695	145633	144554	138814	143838	134308	142709	154917	160325	170523
235424	221043	226227	202050	197215	196500	202489	190329	196445	208053	223695	240925
249776	225334	235305	201534	201113	199989	209407	196020	200287	210782	221059	234064
14105	13985	14895	13033	12166	12569	12812	11727	13162	13679	13640	13548
30089	27986	28894	26910	24681	25205	25661	24114	24220	27387	28113	28921
27905	26291	27394	25876	24671	24634	24030	23001	24123	27315	28061	30447
14530	14438	15458	14272	13595	14190	14156	13463	13833	14533	14625	14630
29026	26427	28348	26306	24942	24228	25176	24428	23507	27469	27765	28893
27485	25428	27734	27361	25398	25154	24359	24911	25083	28310	28531	30329
-473	-531	-568	-1222	-1426	-1582	-1336	-1788	-715	-853	-1029	-848
807	1277	328	448	-422	875	321	-469	519	-253	58	-527
172	532	-584	-1653	-979	-670	-508	-2052	-1112	-1142	-665	-90
2769	1903	2358	2272	2365	2273	2351	2170	2136	2441	2400	2189
3912	3301	3865	3572	4011	3774	4229	3792	3789	4109	3838	4316
4194	3679	3609	3386	3817	3414	3787	3548	3709	3978	3751	3803
170726	163682	162769	142139	140763	134959	140151	130350	139858	151623	156896	167486
232319	219019	222690	198926	192782	193601	198581	186068	193175	203691	219915	236082
245754	222187	231112	196495	196317	195905	205112	190420	195466	205662	216643	230171
190786	204433	182744	164708	156801	151970	151048	140846	154141	158301	182693	185546
270959	278359	247842	228551	218069	217090	223391	198791	219454	227275	248790	281332
275405	274448	273635	230295	217507	226951	229881	193001	219073	230062	243302	276647
270674	268712	253626	240308	237780	236315	233122	215976	239257	247197	263061	265341
370230	368155	334010	328992	317412	317111	325386	285673	319099	331976	351869	379157
376575	372166	357293	323283	316727	331244	331391	280028	320440	330936	340343	374128
271725	269819	253626	240308	237780	236965	233519	217916	239257	247197	268274	271187
380061	381091	343490	328992	318352	320776	329043	290467	319757	337121	368565	390034
383281	379013	359580	323283	319417	335142	335772	285159	323279	339161	360082	391622
19:00	12:00	11:00	11:00	11:00	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	19:00
19:00	19:00	20:00	11:00	12:00	12:00	12:00	12:00	12:00	20:00	19:00	18:00
264854	261810	245803	233091	232745	232685	229799	212408	233798	242005	259030	263088
362666	361349	329623	323211	317902	320262	323533	290443	322767	333709	353977	376146
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

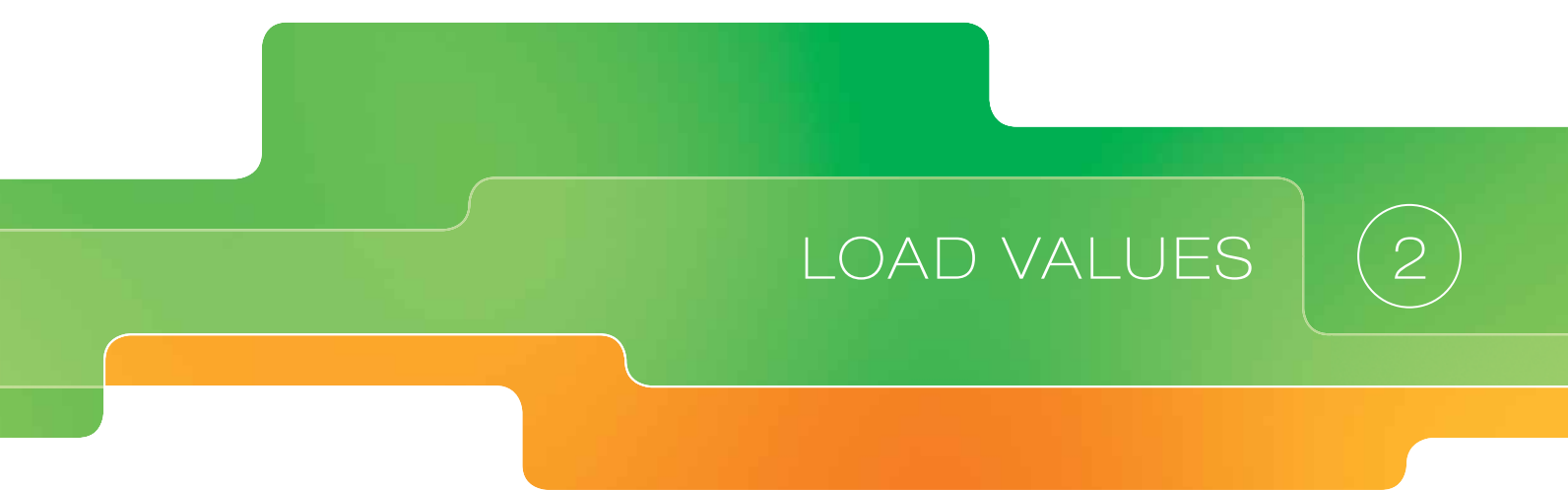
⁴ Denmark West and Ukraine West are not part of UCTE values

			IMPORTING COUNTRIES											
			AT	BA	BE	BG	CH	CS	CZ	DE	ES	FR	GR	HR
EXPORTING COUNTRIES	AT	1996 2005 2006				2026 9119 7304		37 12 23	3364 6995 5842					
	BA	1996 2005 2006					n.a. 893 1476						n.a. 2735 3647	
	BE	1996 2005 2006									1274 2222 1981			
	BG	1996 2005 2006					735 2760 2837					647 4553 4468		
	CH	1996 2005 2006	371 211 82						4571 1573 2917		137 2637 2156			
	CS	1996 2005 2006		0 911 2341		147 4 0							0 4138 3005	
	CZ	1996 2005 2006	2227 6114 6139						2953 13022 12054					
	DE	1996 2005 2006	6751 15371 14799				9150 18074 13694		1475 405 647			32 494 838		
	ES	1996 2005 2006										1664 749 1479		
	FR	1996 2005 2006			5458 6755 10644		11032 9974 11322			16683 16233 16172	3763 7284 5910			
	GR	1996 2005 2006				75 0 0								
	HR	1996 2005 2006		n.a. 1340 674				n.a. 2 31						
	HU	1996 2005 2006	697 857 1062					291 1693 1520					73 6689 5561	
	IT	1996 2005 2006	0 2 3				20 131 422					228 702 726	0 268 455	
	LU	1996 2005 2006			0 2368 2482					809 785 804				
	MK	1996 2005 2006				n.a. 0 0		0 1 0					1865 796 1202	
	NL	1996 2005 2006			4137 5075 5603					1641 325 283				
	PL	1996 2005 2006							n.a. 11165 10181	1568 1046 722				
	PT	1996 2005 2006									3005 2806 3183			
	RO	1996 2005 2006				n.a. 797 1138		347 2503 3262						
	SI	1996 2005 2006	151 533 1062										0 1076 1036	
	SK	1996 2005 2006							n.a. 762 612					
	DK_W	1996 2005 2006								n.a. 7083 4223				
	UA_W	1996 2005 2006												
	UCTE	1996 2005 2006	7273 23088 23147	n.a. 2251 3015	9595 14198 18729	222 801 1138	22228 37298 32742	0 7852 9126	1512 12344 11463	27068 39979 38794	6768 10090 9093	3335 6804 7180	1865 5617 6125	n.a. 14638 13249
	Third countries	1996 2005 2006	2924 0 0	n.a. 0 0	0 0 0	n.a. 0 0	0 0 0	2131 711 613	n.a. 0 0	8235 13483 7346	0 111 27	3 791 899	799 15 26	n.a. 0 0
	Total Import	1996 2005 2006	10197 23088 23147	n.a. 2251 3015	9595 14198 18729	n.a. 801 1138	22228 37298 32742	2131 8563 9739	n.a. 12344 11463	35303 53462 46140	6768 10201 9120	3338 7595 8079	2664 5632 6151	n.a. 14638 13249
	UCTE Balance	1996 2005 2006	-859 3315 7265	n.a. -1377 -2108	4146 6169 10032	-1160 -7576 -7737	-322 7470 3702	0 760 1598	-3668 -12627 -12629	-6757 -20924 -21202	1074 -136 -867	-51392 -47935 -51759	1007 4835 5168	n.a. 5352 5672
	Total Balance	1996 2005 2006	1347 3315 7265	n.a. -1377 -2108	4146 6169 10032	n.a. -7576 -7737	-322 7470 3702	1374 1278 1950	n.a. -12627 -12629	-6495 -8461 -19772	1074 -923 -2739	-68015 -58653 -61789	1349 3794 4215	n.a. 5352 5672

Annual physical electricity exchange in interconnected operation (GWh)

UCTE

HU	IT	LU	MK	NL	PL	PT	RO	SI	SK	DK_W	UA_W	UCTE	Third countries	Total Export
681 809 465	1423 1497 1415							1319 1341 833				8132 19773 15882	718 0 0	8850 19773 15882
												n.a. 3628 5123	n.a. 0 0	n.a. 3628 5123
		1376 1374 1697		2799 4433 5019								5449 8029 8697	0 0 0	5449 8029 8697
							n.a. 730 710					1382 8377 8875	n.a. 0 0	n.a. 8377 8875
	17471 25407 23885											22550 29828 29040	0 0 0	22550 29828 29040
53 16 53			0 1990 2126				482 33 3					0 7092 7528	757 193 261	757 7285 7789
					n.a. 63 42				n.a. 5772 5857			5180 24971 24092	n.a. 0 0	n.a. 24971 24092
		4126 5033 5134		13766 19260 22336	4034 2266 2548					n.a. 339 2077		33825 60903 59996	7973 1020 5916	41798 61923 65912
						4030 9477 8481						5694 10226 9960	0 898 1899	5694 11124 11859
	17791 14493 14891											54727 54739 58939	16626 11509 10929	71353 66248 69668
	0 711 945		858 71 12									858 782 957	457 1056 979	1315 1838 1936
17 0 1								0 7944 6871				n.a. 9286 7577	n.a. 0 0	n.a. 9286 7577
							n.a. 146 29		n.a. 0 0		n.a. 26 13	1061 9385 8172	n.a. 26 13	n.a. 9411 8185
								507 0 12				755 1103 1618	0 0 0	755 1103 1618
												809 3153 3286	0 0 0	809 3153 3286
												1865 797 1202	n.a. 0 0	n.a. 797 1202
												5778 5400 5886	0 0 0	5778 5400 5886
									n.a. 2792 3374			1568 15003 14277	n.a. 1182 1500	n.a. 16185 15777
												3005 2806 3183	0 0 0	3005 2806 3183
n.a. 1190 1437											n.a. 30 47	347 4490 5837	n.a. 30 47	n.a. 4520 5884
	1448 7931 5389											1599 9540 7487	0 0 0	1599 9540 7487
n.a. 8806 8592					n.a. 0 4						n.a. 1722 1717	0 9568 9208	n.a. 1722 1717	n.a. 11290 10925
												n.a. 7083 4223	n.a. 865 4067	n.a. 7948 8290
n.a. 4814 4851							n.a. 683 893		n.a. 4 94			0 5501 5838	n.a. 0 0	n.a. 5501 5838
681 10821 10548	38133 50039 46525	5502 6407 6831	858 2395 2998	16565 23693 27355	4034 2329 2594	4030 9477 8481	482 909 742	1826 9285 7716	0 8564 9231	n.a. 339 2077	0 1778 1777	n.a. 298879 296822	n.a. 17636 23261	n.a. 316515 320083
n.a. 4814 4851	0 0 0	0 0 0	n.a. 0 0	0 0 0	n.a. 2676 2177	0 0 0	n.a. 697 893	0 0 0	n.a. 4 94	n.a. 7028 1716	n.a. 0 0	n.a. 23302 16926		
n.a. 15635 15399	38133 50039 46525	5502 6407 6831	n.a. 2395 2998	16565 23693 27355	n.a. 5005 4771	4030 9477 8481	n.a. 1606 1635	1826 9285 7716	n.a. 8568 9325	n.a. 7367 3793	n.a. 1778 1777	n.a. 322181 313748		
-380 1436 2376	37378 48936 44907	4693 3254 3545	-1007 1598 1796	10787 18293 21469	2466 -12674 -11683	1025 6671 5298	135 -3581 -5095	227 -255 229	0 -1004 23	n.a. -6744 -2146	n.a. -3723 -4061			
n.a. 6224 7214	37378 48936 44907	4693 3254 3545	n.a. 1598 1796	10787 18293 21469	n.a. -11180 -11006	1025 6671 5298	n.a. -2914 -4249	227 -255 229	n.a. -2722 -1600	n.a. -581 -4497	n.a. -3723 -4061			



LOAD VALUES

2

HOURLY LOAD VALUES PER COUNTRY - GRAPHS AND TABLES

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

Load diagrams on the 3rd Wednesday

January 2006	92
February 2006	93
March 2006	94
April 2006	95
May 2006	96
June 2006	97
July 2006	98
August 2006	99
September 2006	100
October 2006	101
November 2006	102
December 2006	103
UCTE	104

Tables on hourly load values on each 3rd Wednesday in 2006

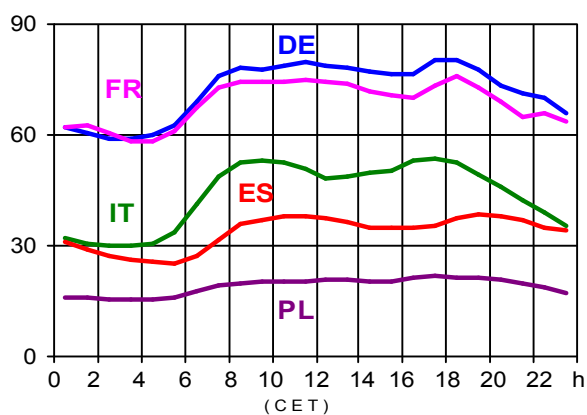
Austria (AT)	106
Bosnia-Herzegovina (BA)	106
Belgium ² (BE)	106
Bulgaria (BG)	108
Switzerland (CH)	108
Serbia & Montenegro (CS)	108
Czech Republic (CZ)	110
Germany ² (DE)	110
Spain (ES)	110
France (FR)	112
Greece (GR)	112
Croatia (HR)	112
Hungary (HU)	114
Italy (IT)	114
Luxembourg (LU)	114
FYROM ³ (MK)	116
The Netherlands (NL)	116
Poland ⁴ (PL)	116
Portugal (PT)	118
Romania (RO)	118
Slovenia (SI)	118
Slovak Republic (SK)	120
UCTE	120
Denmark West ⁵ (DK_W)	122
Ukraine West ⁶ (UA_W)	122

² The reported figures are best estimates based on actual measurements and extrapolations.³ FYROM = Former Yugoslav Republic of Macedonia⁴ Average values of each hour.⁵ Denmark West represents the Western part of Denmark synchronously interconnected with UCTE (Jutland and Funen)⁶ Ukraine West represents the so-called Burshtyn Island synchronously interconnected with UCTE

Load diagrams on the 3rd Wednesday in GW

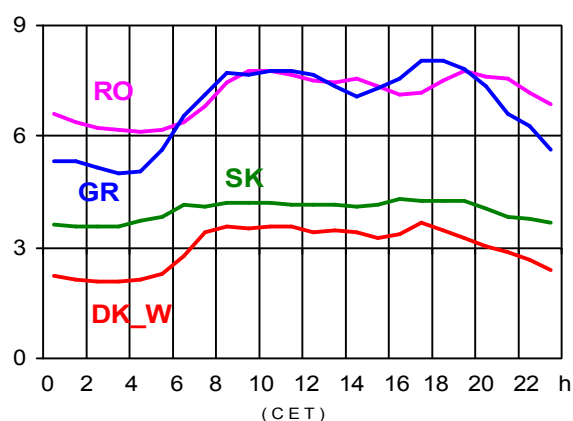
18.01.2006

(in GW)



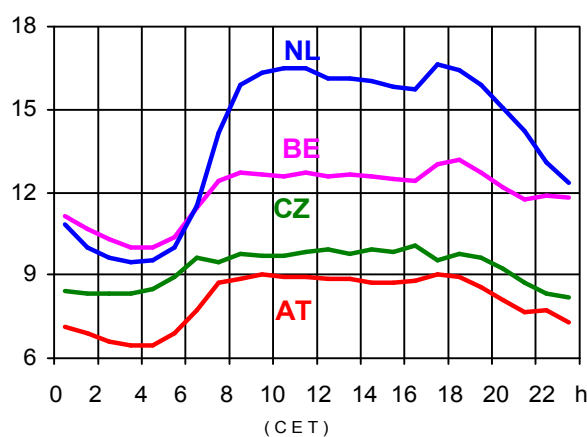
18.01.2006

(in GW)



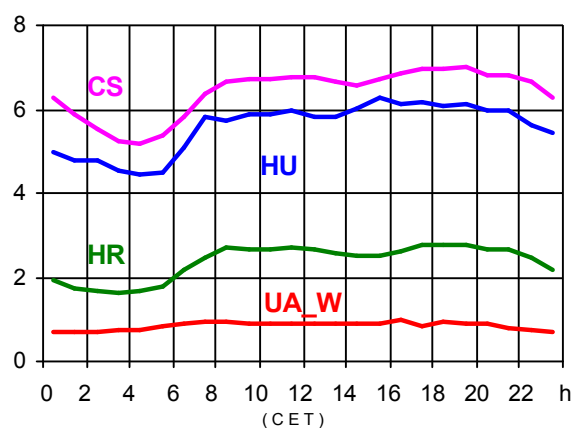
18.01.2006

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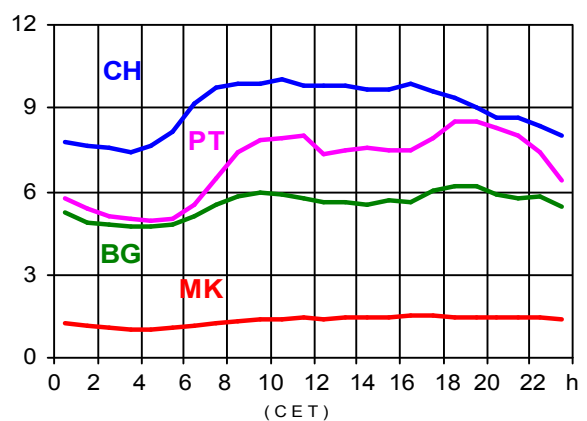
18.01.2006

(in GW)



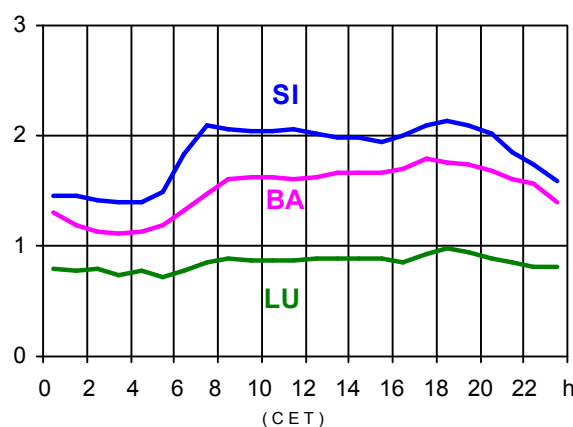
18.01.2006

(in GW)



18.01.2006

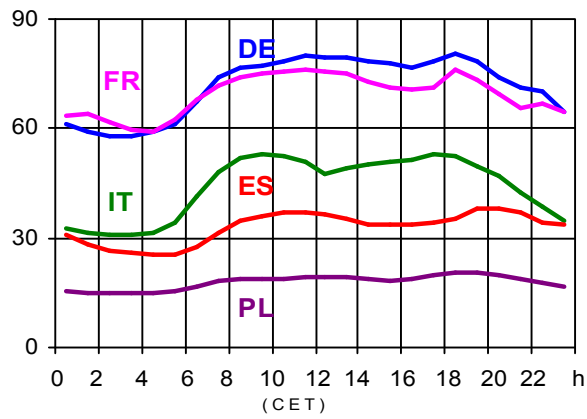
(in GW)



Load diagrams on the 3rd Wednesday in GW

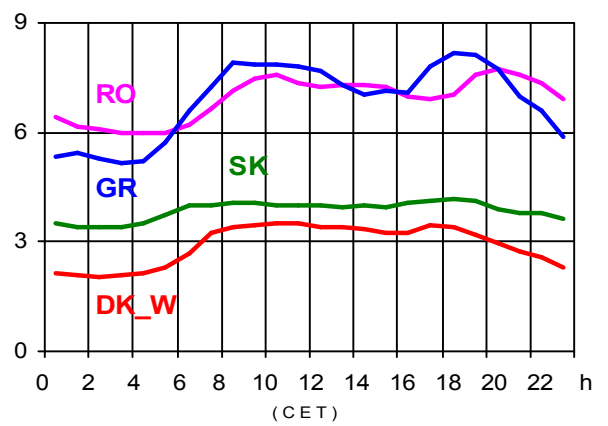
15.02.2006

(in GW)



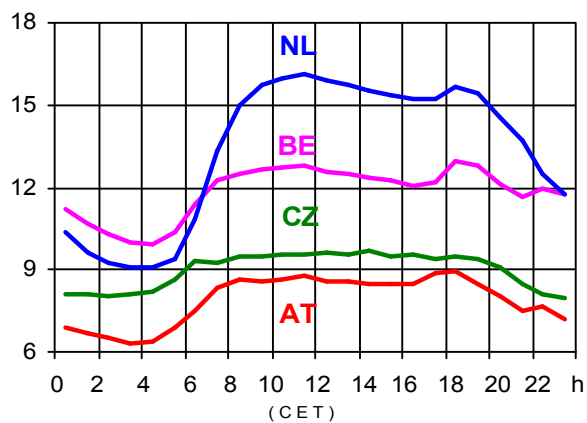
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(in GW)



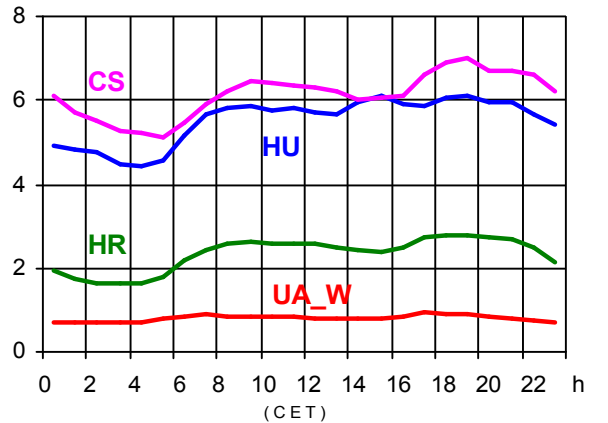
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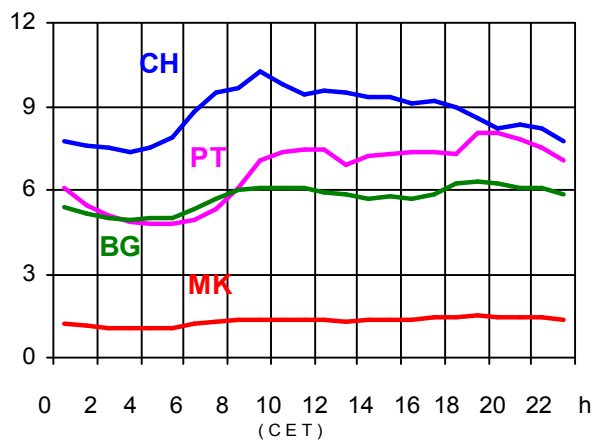
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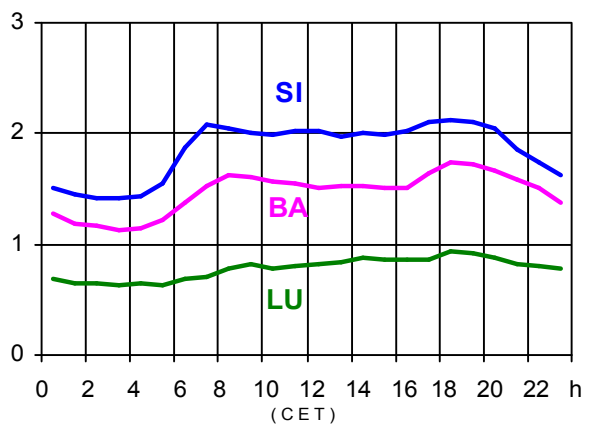
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(in GW)



15.02.2006

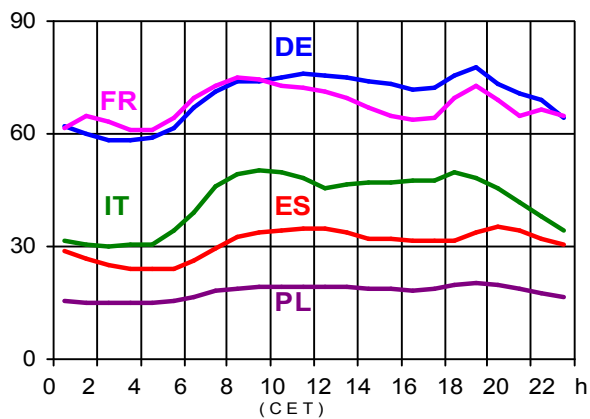
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Load diagrams on the 3rd Wednesday in GW

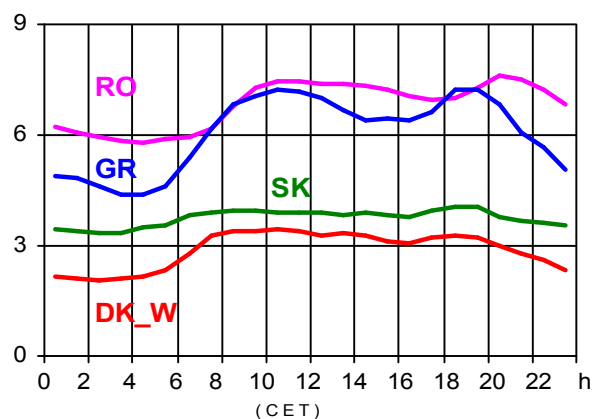
15.03.2006

(in GW)



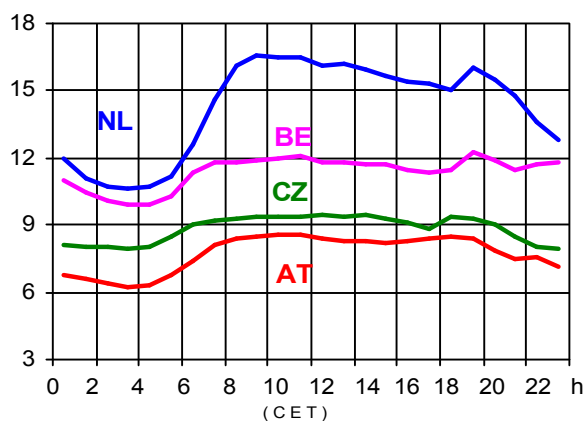
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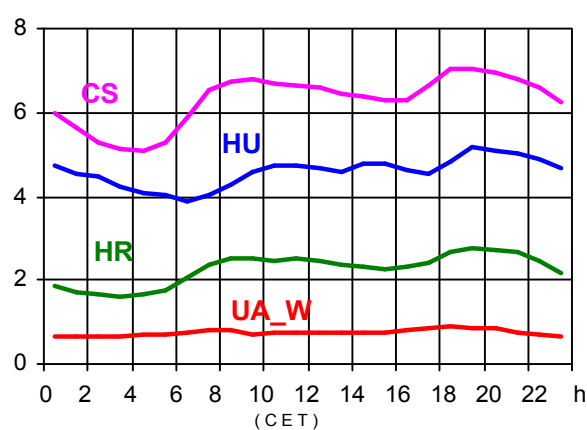
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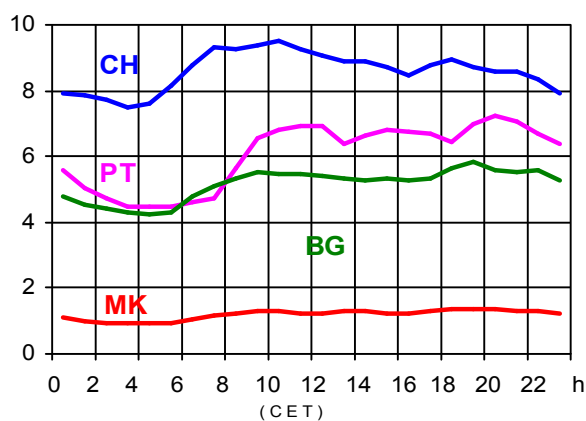
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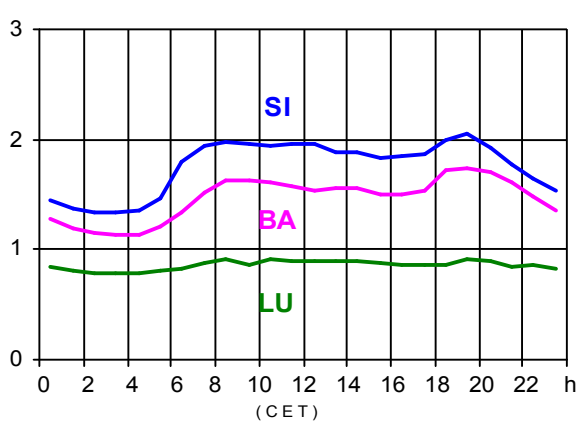
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(in GW)



15.03.2006

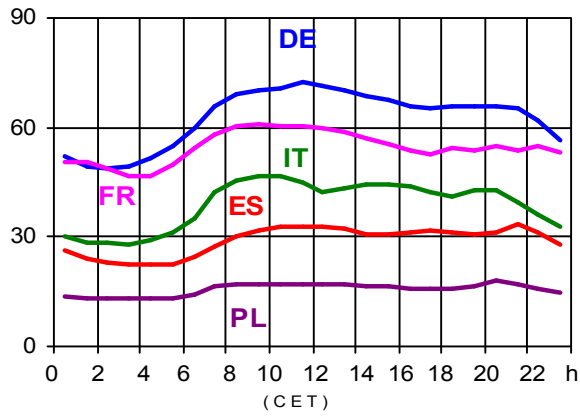
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Load diagrams on the 3rd Wednesday in GW

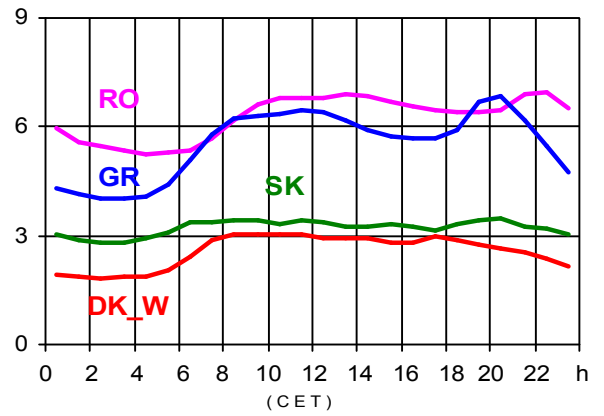
19.04.2006

(in GW)



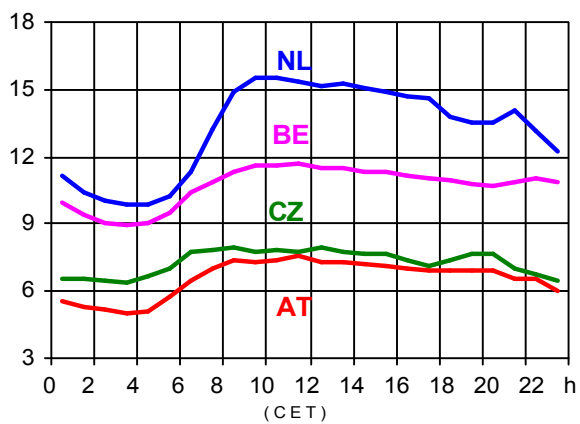
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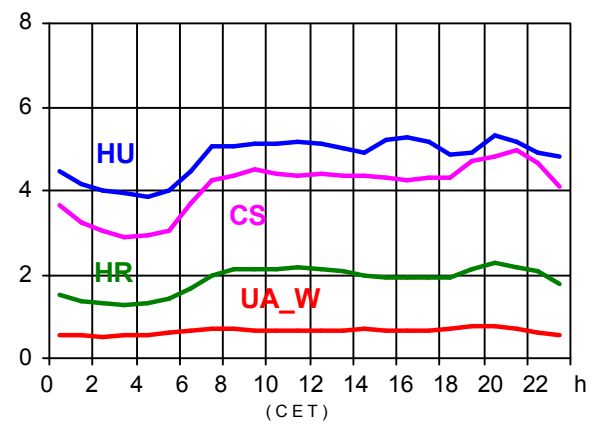
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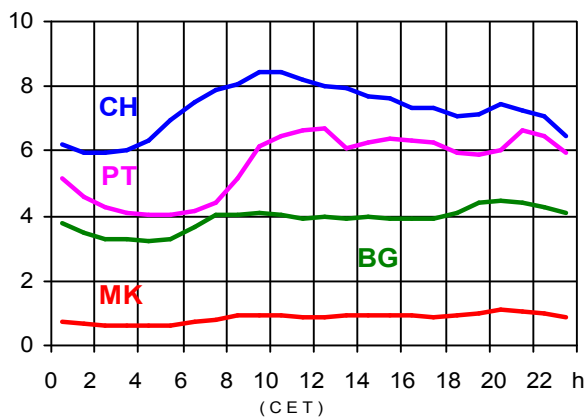
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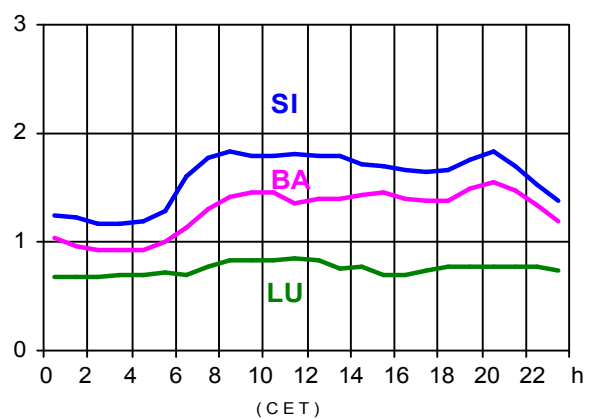
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19.04.2006

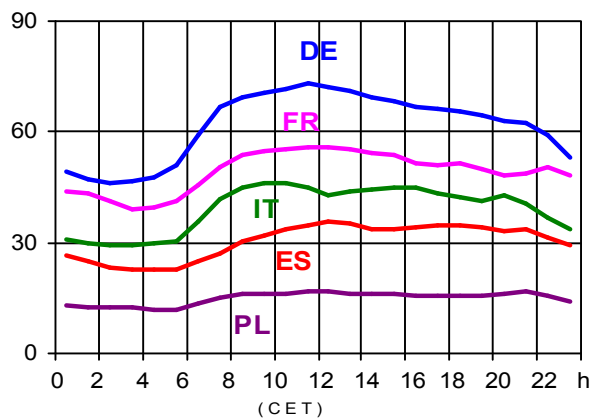
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Load diagrams on the 3rd Wednesday in GW

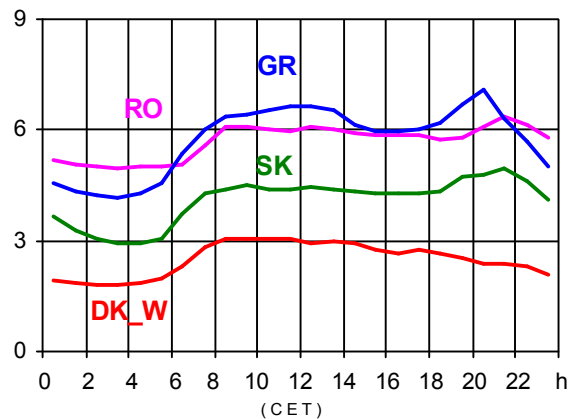
17.05.2006

(in GW)



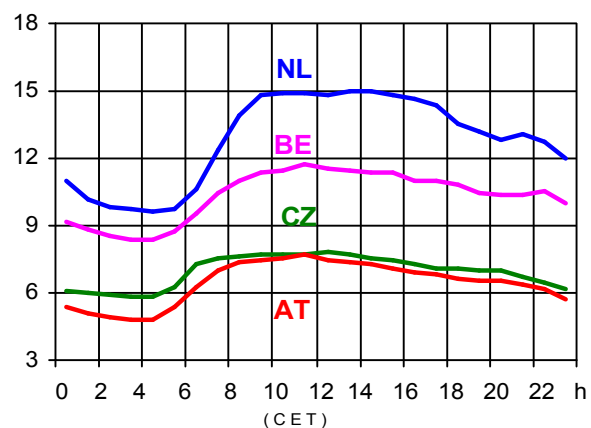
17.05.2006

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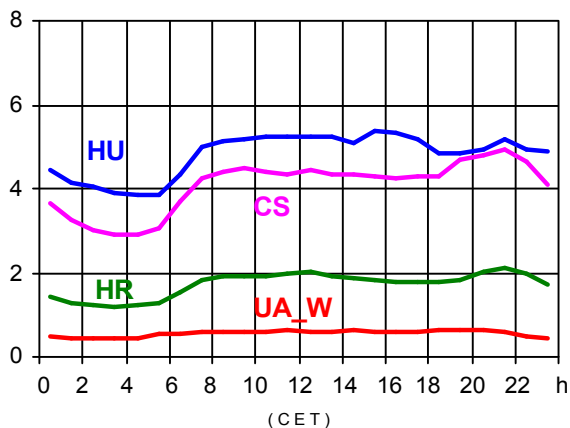
17.05.2006

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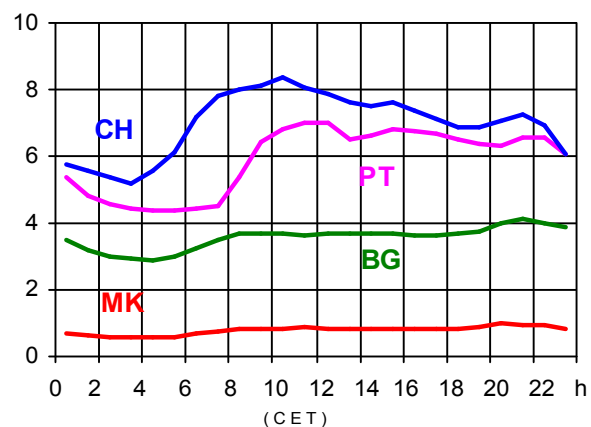
17.05.2006

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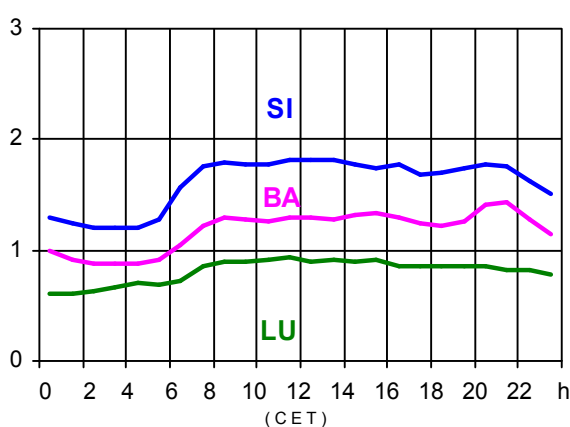
17.05.2006

(in GW)



17.05.2006

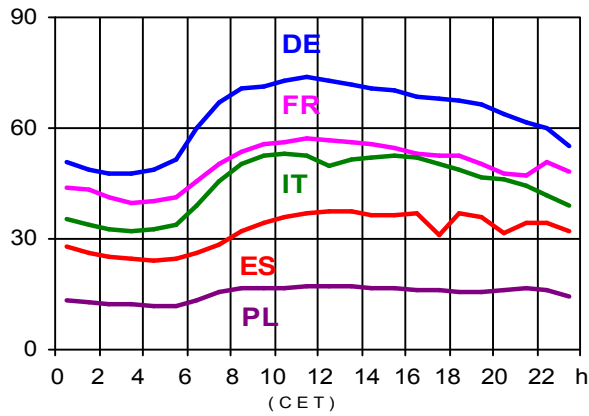
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Load diagrams on the 3rd Wednesday in GW

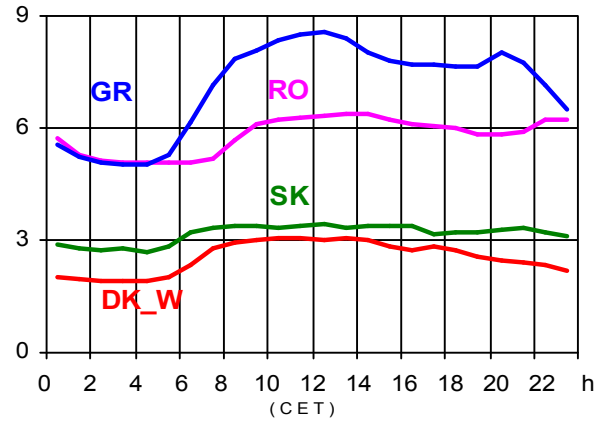
21.06.2006

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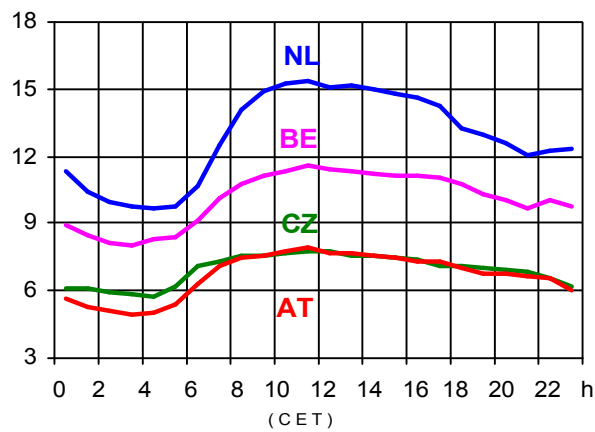
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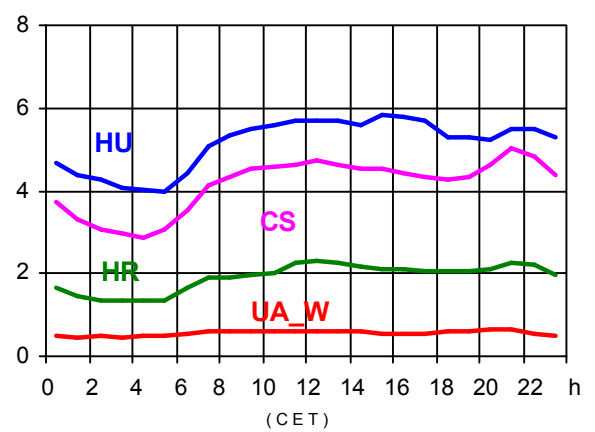
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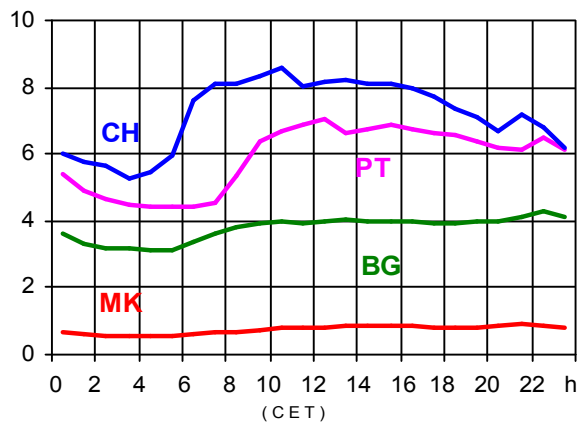
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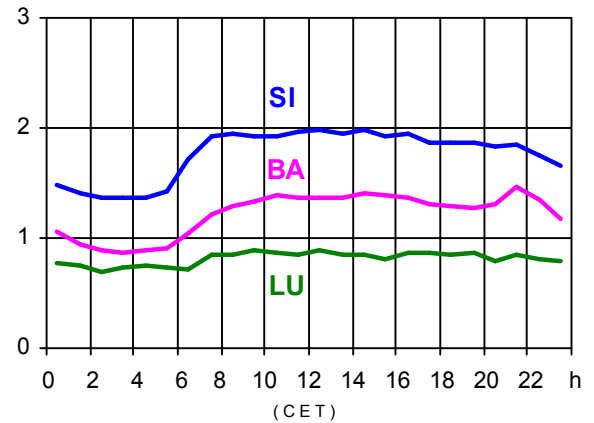
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21.06.2006

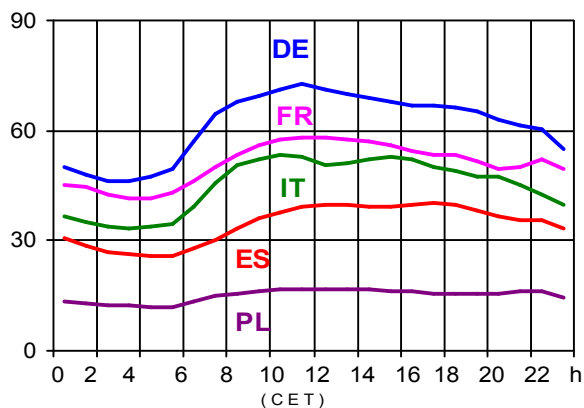
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Load diagrams on the 3rd Wednesday in GW

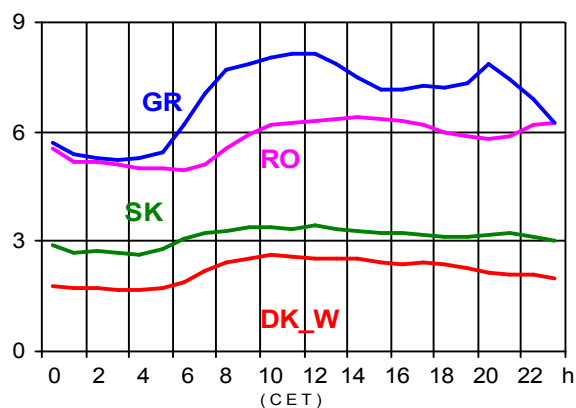
19.07.2006

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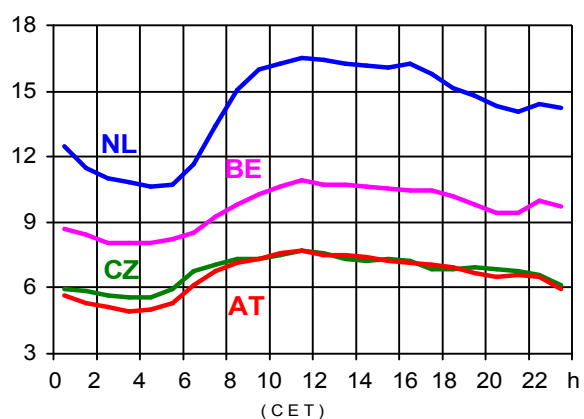
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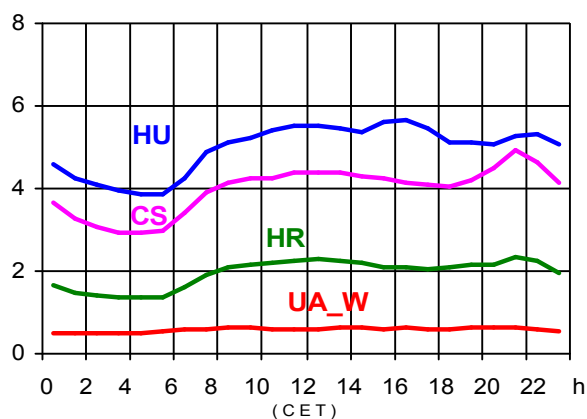
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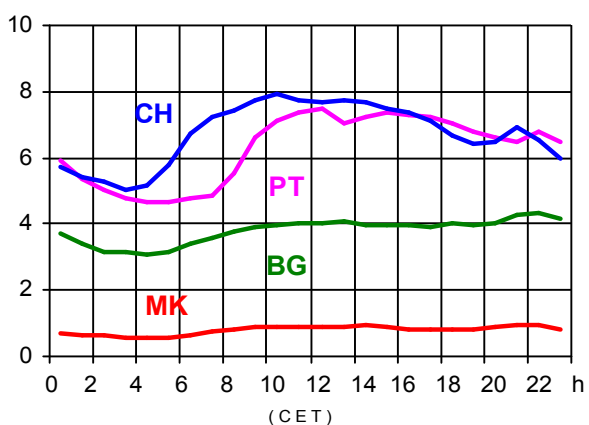
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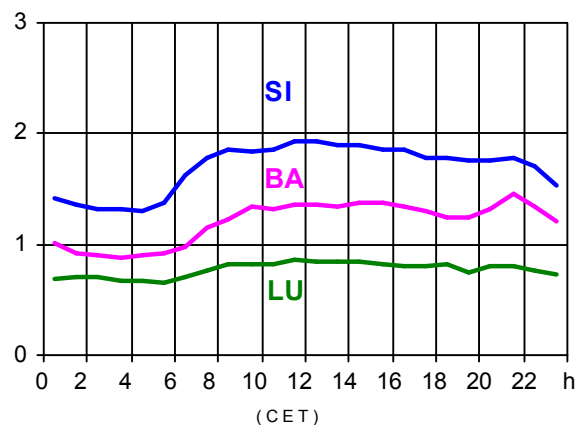
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(in GW)



19.07.2006

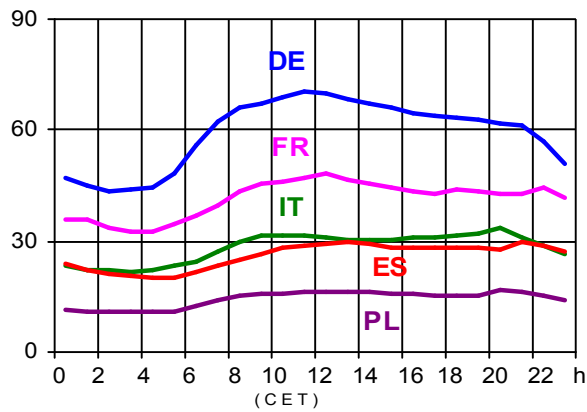
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Load diagrams on the 3rd Wednesday in GW

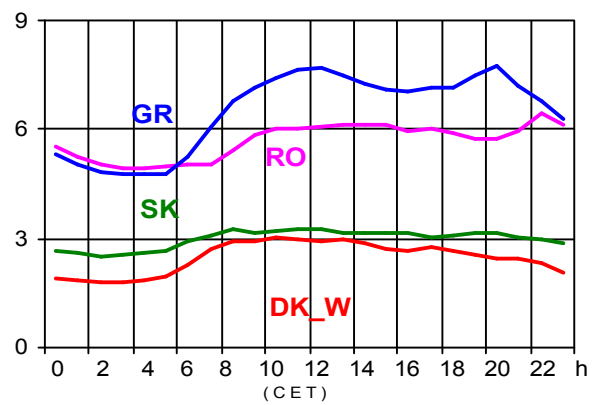
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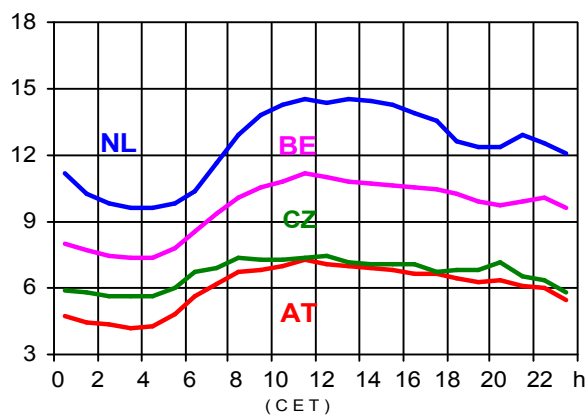
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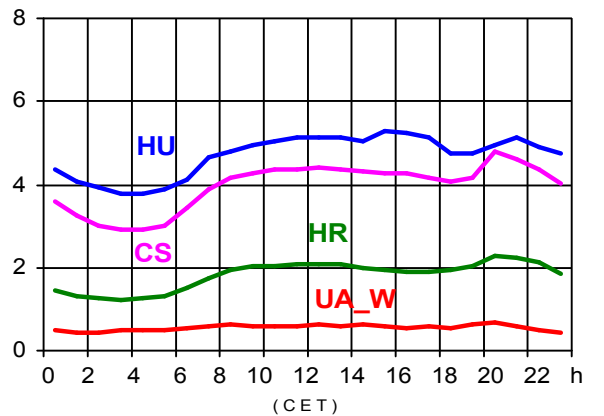
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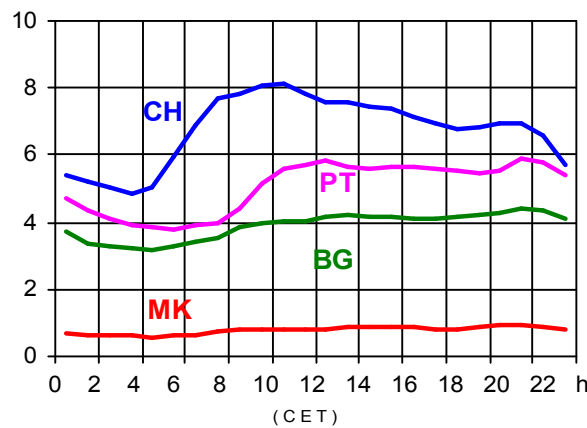
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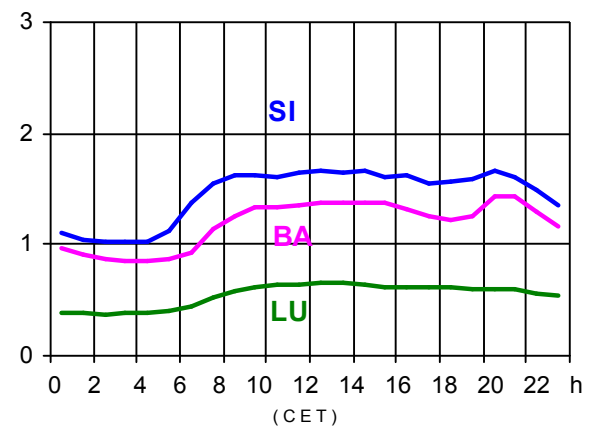
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16.08.2006

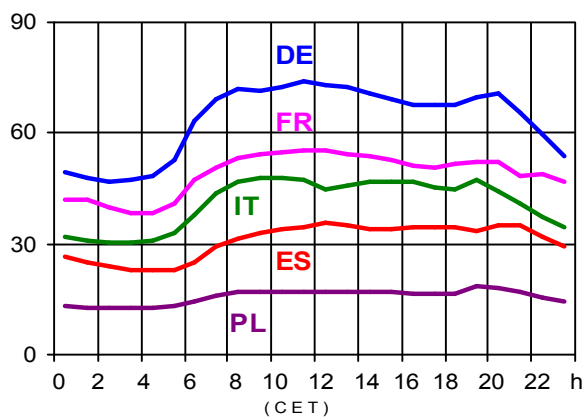
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Load diagrams on the 3rd Wednesday in GW

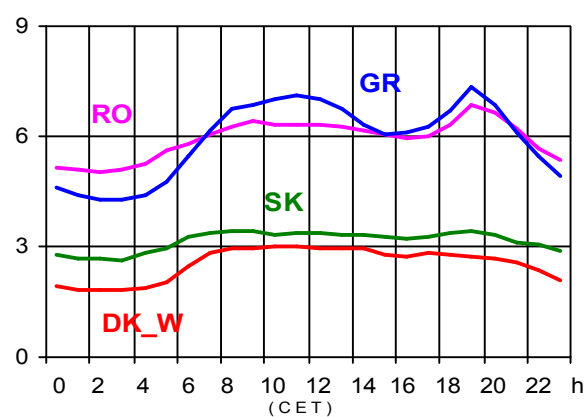
20.09.2006

(in GW)



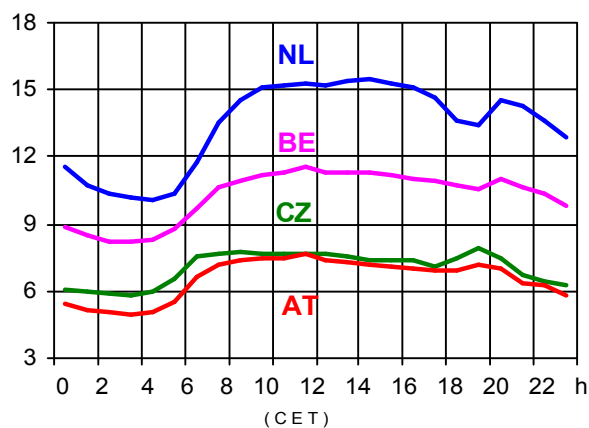
20.09.2006

(in GW)



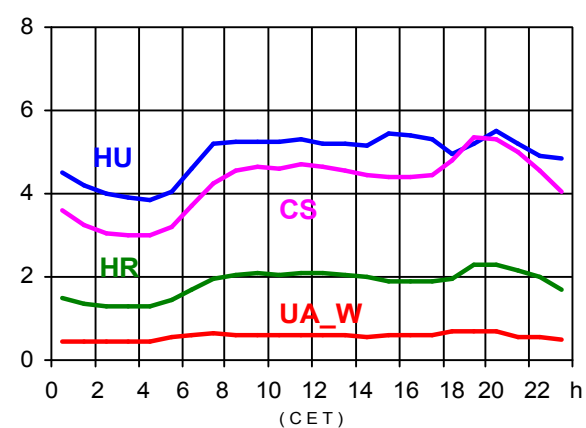
20.09.2006

(in GW)



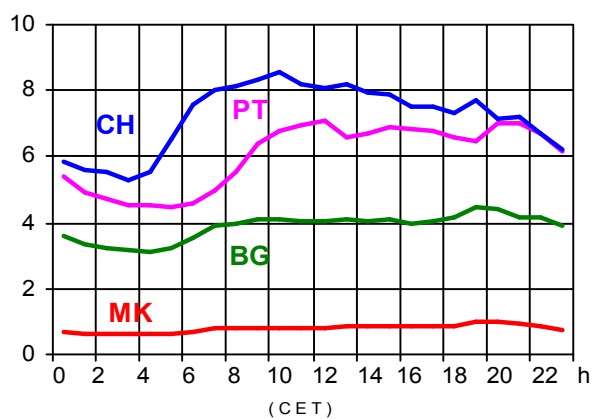
20.09.2006

(in GW)



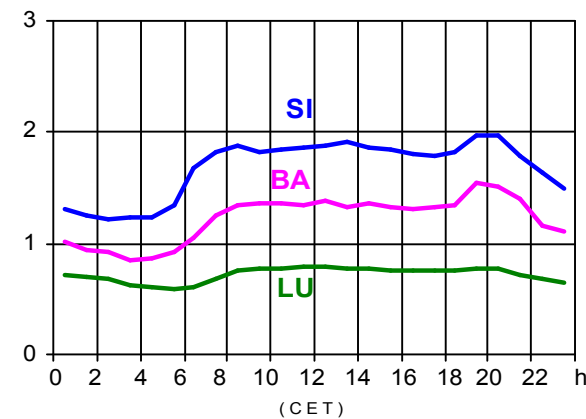
20.09.2006

(in GW)



20.09.2006

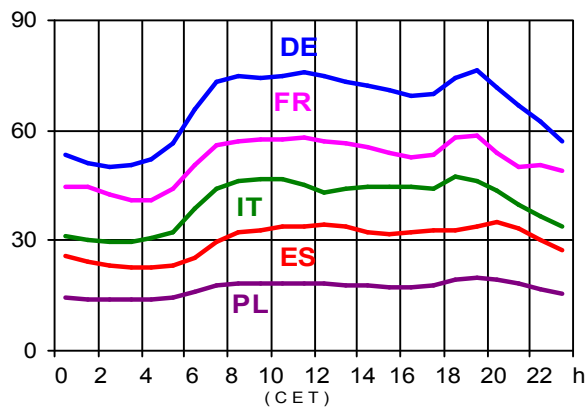
(in GW)



Load diagrams on the 3rd Wednesday in GW

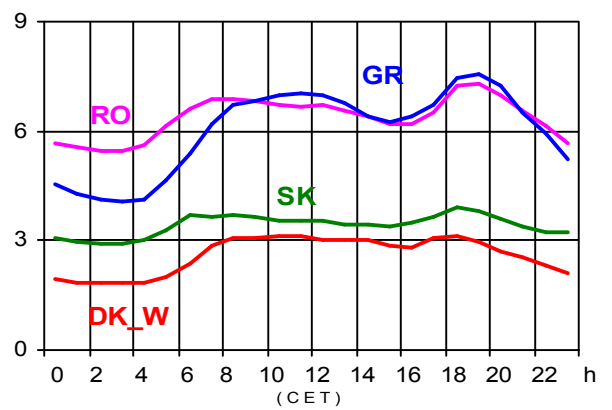
18.10.2006

(in GW)



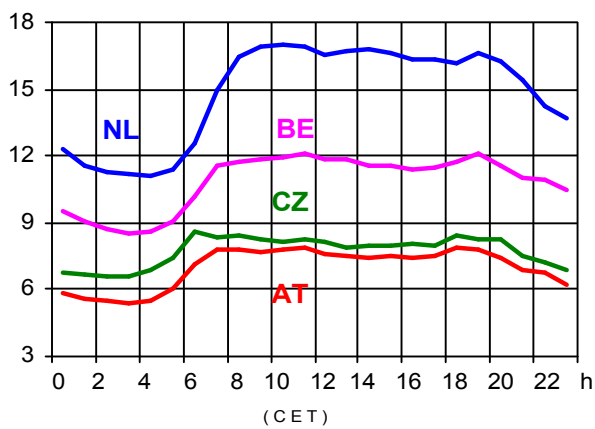
18.10.2006

(in GW)



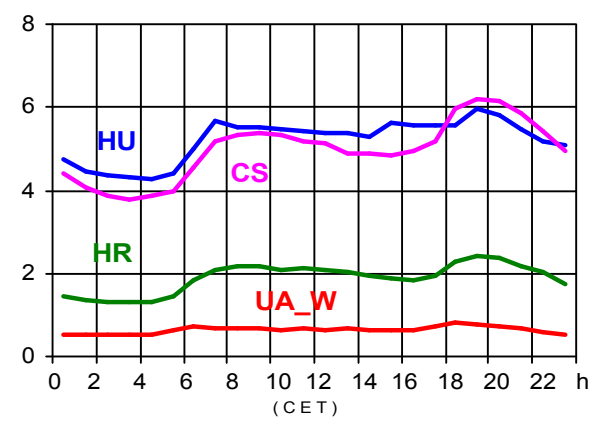
18.10.2006

(in GW)



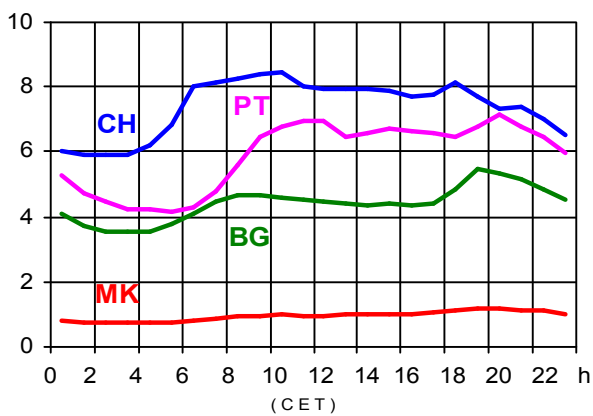
18.10.2006

(in GW)



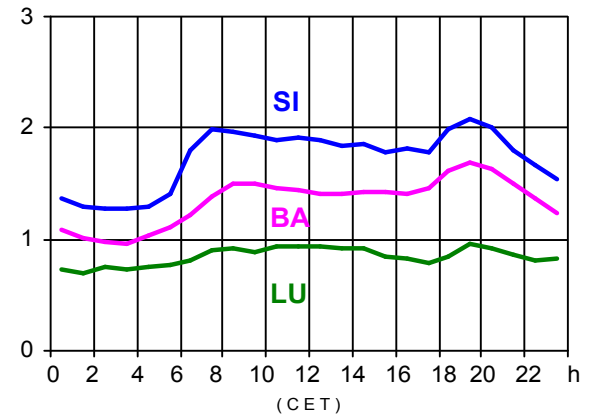
18.10.2006

(in GW)



18.10.2006

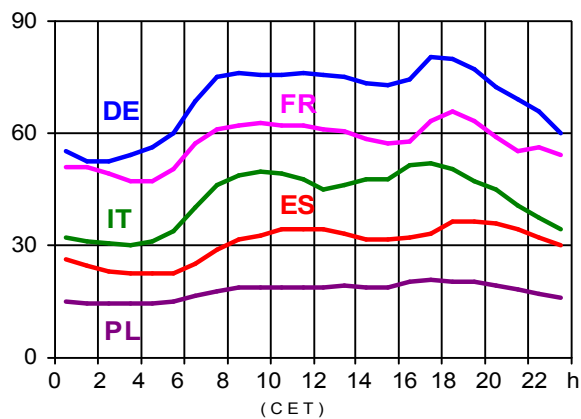
(in GW)



Load diagrams on the 3rd Wednesday in GW

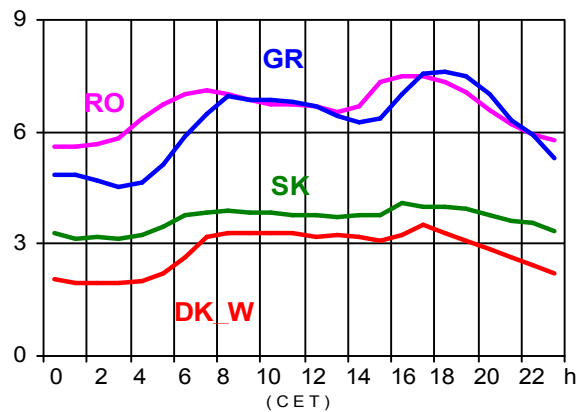
15.11.2006

(in GW)



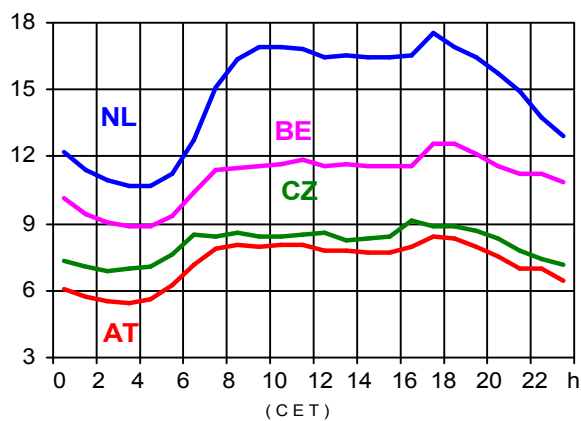
15.11.2006

(in GW)



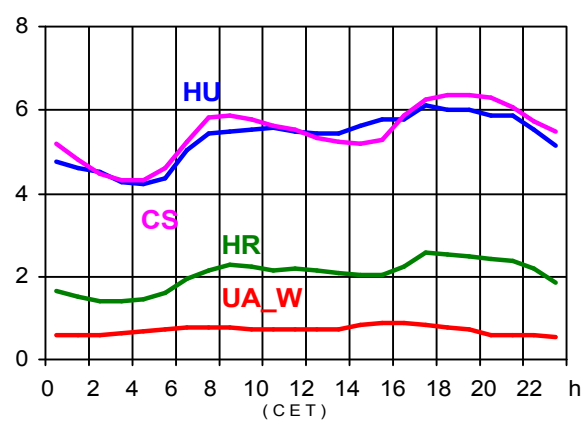
15.11.2006

(in GW)



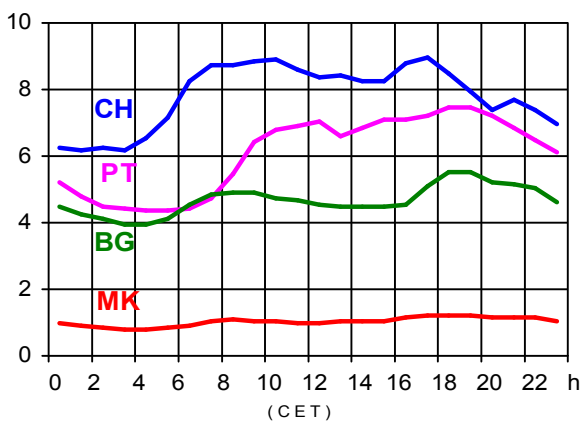
15.11.2006

(in GW)



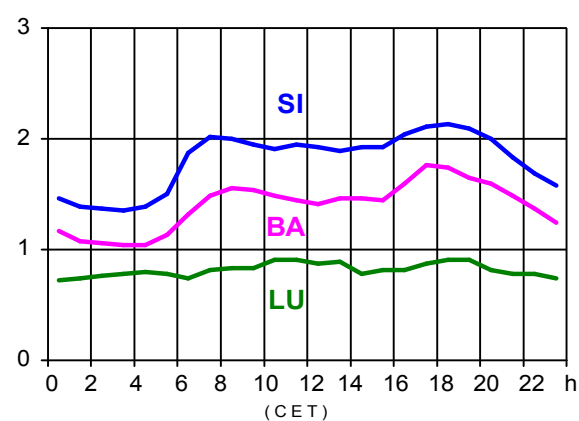
15.11.2006

(in GW)



15.11.2006

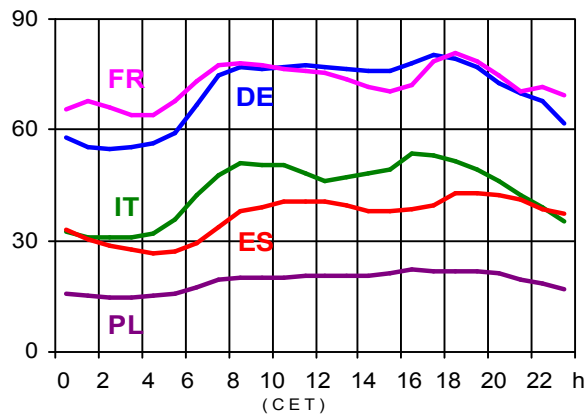
(in GW)



Load diagrams on the 3rd Wednesday in GW

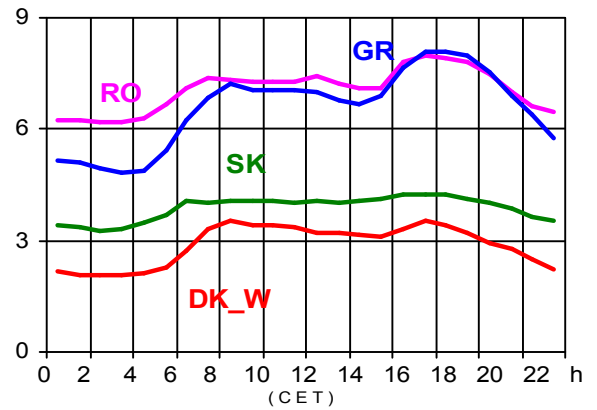
20.12.2006

(in GW)



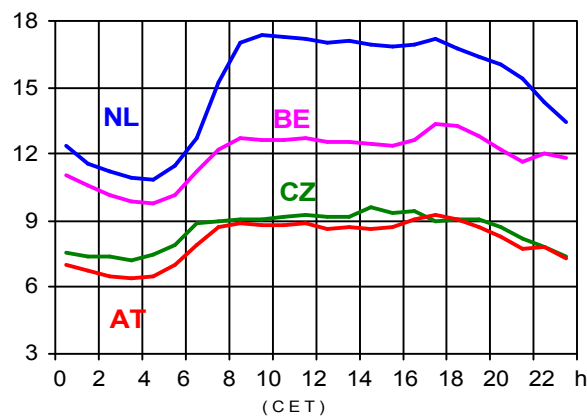
20.12.2006

(in GW)



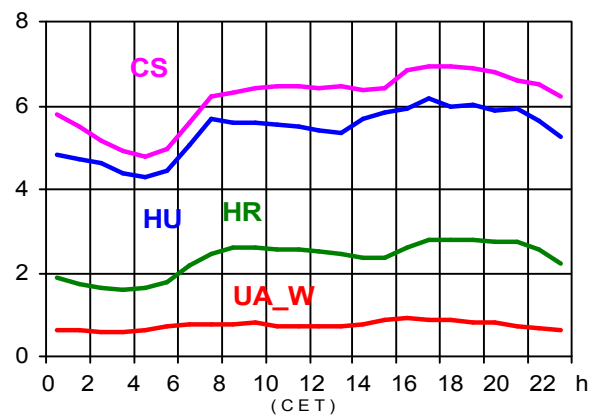
20.12.2006

(in GW)



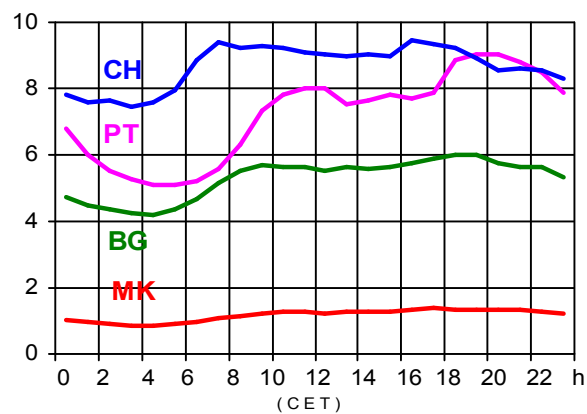
20.12.2006

(in GW)



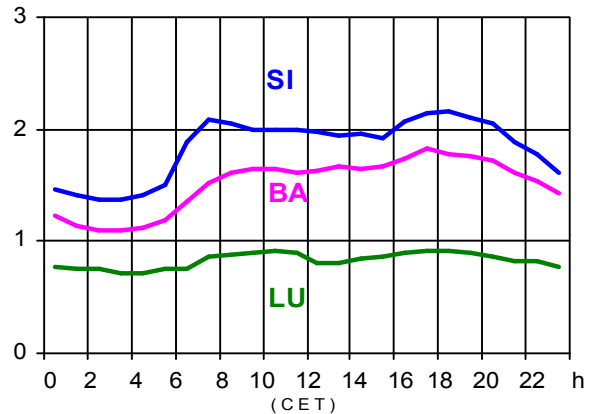
20.12.2006

(in GW)



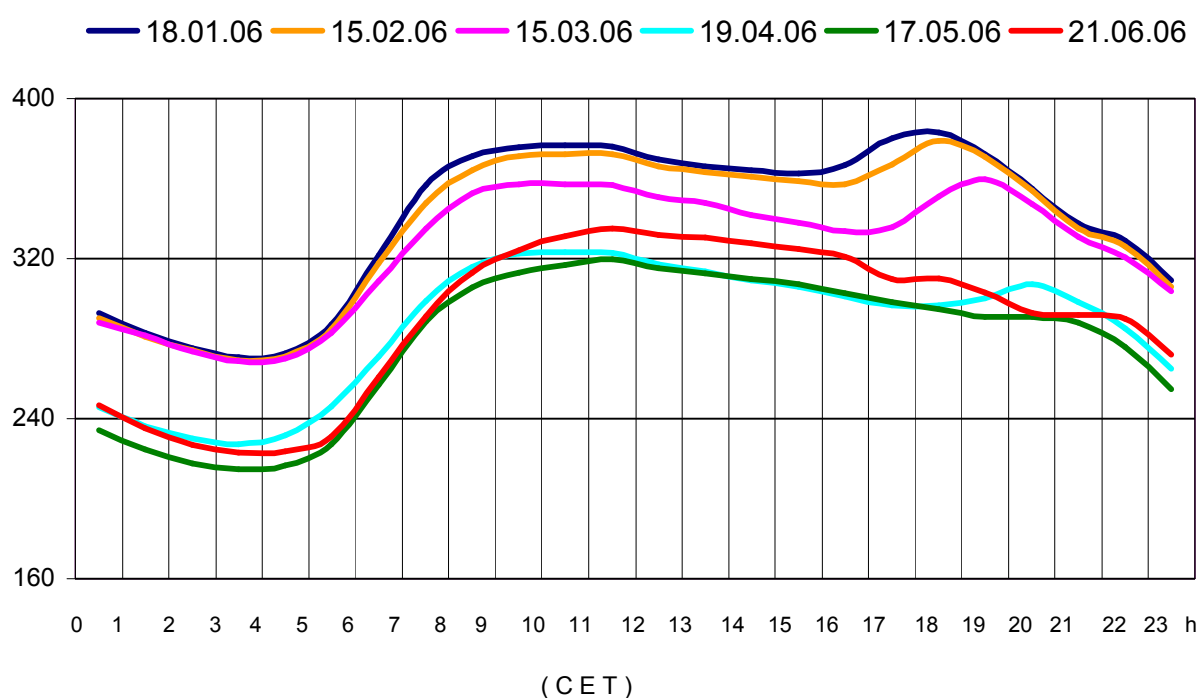
20.12.2006

(in GW)



Load diagrams on the 3rd Wednesday in GW

UCTE monthly load diagrams January - June 2006 in GW

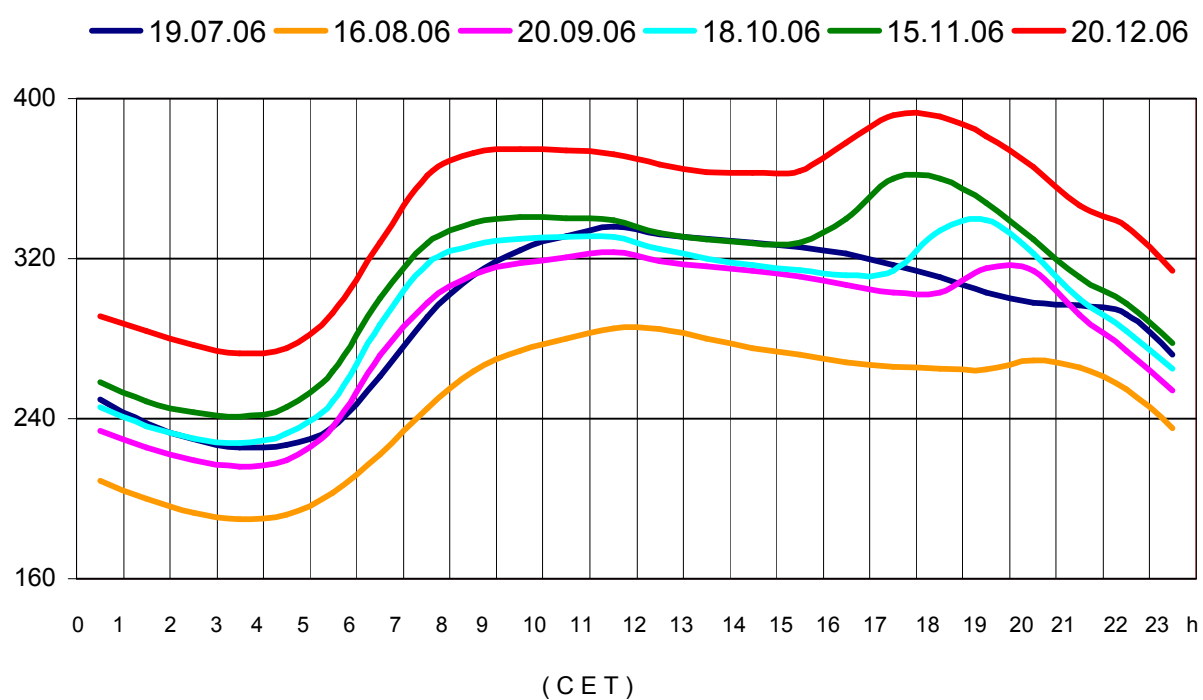


Percentage as referred to total values (%)

	AT	BA	BE	BG	CH	CS	CZ	DE	ES	FR	GR	HR	HU	IT	LU	MK	NL	PL	PT	RO	SI	SK	DK_W	UA_W
18.01.06	100	100	100	100	100	100	100	91	98	100	100	100	100	100	100	100	100	100	97	100	95	100	100	100
15.02.06	100	100	100	100	100	100	100	91	98	100	100	100	100	100	100	100	100	100	97	100	95	100	100	100
15.03.06	100	100	100	100	100	100	100	91	98	100	100	100	100	100	100	100	100	100	97	100	95	100	100	100
19.04.06	100	100	100	100	100	100	100	91	98	100	100	100	100	100	100	100	100	100	97	100	95	100	100	100
17.05.06	100	100	100	100	100	100	100	91	98	100	100	100	100	100	100	100	100	100	97	100	95	100	100	100
21.06.06	100	100	100	100	100	100	100	91	98	100	100	100	100	100	100	100	100	100	97	100	95	100	100	100

Load diagrams on the 3rd Wednesday in GW

UCTE monthly load diagrams July - December 2006 in GW



Percentage as referred to total values (%)

	AT	BA	BE	BG	CH	CS	CZ	DE	ES	FR	GR	HR	HU	IT	LU	MK	NL	PL	PT	RO	SI	SK	DK _W	UA _W
19.07.06	100	100	100	100	100	100	100	91	98	100	100	100	100	100	100	100	100	100	97	100	95	100	100	100
16.08.06	100	100	100	100	100	100	100	91	98	100	100	100	100	100	100	100	100	100	97	100	95	100	100	100
20.09.06	100	100	100	100	100	100	100	91	98	100	100	100	100	100	100	100	100	100	97	100	95	100	100	100
18.10.06	100	100	100	100	100	100	100	91	98	100	100	100	100	100	100	100	100	100	97	100	95	100	100	100
15.11.06	100	100	100	100	100	100	100	91	98	100	100	100	100	100	100	100	100	100	97	100	95	100	100	100
20.12.06	100	100	100	100	100	100	100	91	98	100	100	100	100	100	100	100	100	100	97	100	95	100	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
18 / 1 / 2006	7104	6877	6638	6431	6448	6930	7710	8730	8902	9039	8951
15 / 2 / 2006	6935	6655	6502	6334	6404	6884	7542	8334	8640	8574	8644
15 / 3 / 2006	6815	6552	6416	6265	6321	6794	7441	8100	8417	8462	8532
19 / 4 / 2006	5605	5318	5160	5016	5146	5700	6465	7058	7368	7336	7419
17 / 5 / 2006	5380	5077	4948	4798	4815	5339	6242	7007	7374	7455	7527
21 / 6 / 2006	5616	5296	5119	4961	5002	5394	6326	7079	7479	7585	7740
19 / 7 / 2006	5626	5272	5097	4935	4987	5331	6142	6774	7149	7332	7556
16 / 8 / 2006	4698	4449	4371	4202	4266	4811	5593	6215	6691	6851	7032
20 / 9 / 2006	5456	5167	5056	4910	5012	5548	6639	7166	7378	7426	7507
18 / 10 / 2006	5855	5604	5490	5371	5467	6000	7154	7777	7809	7733	7818
15 / 11 / 2006	6073	5712	5560	5446	5602	6217	7126	7862	8069	8012	8031
20 / 12 / 2006	7005	6721	6521	6350	6439	6984	7876	8754	8863	8803	8816

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
18 / 1 / 2006	1310	1193	1125	1107	1125	1187	1314	1478	1597	1622	1630
15 / 2 / 2006	1272	1193	1162	1128	1144	1222	1376	1520	1627	1601	1571
15 / 3 / 2006	1278	1192	1158	1130	1137	1214	1344	1517	1623	1628	1607
19 / 4 / 2006	1044	963	932	921	926	991	1137	1303	1418	1446	1446
17 / 5 / 2006	989	918	883	888	880	926	1055	1232	1295	1286	1260
21 / 6 / 2006	1049	939	886	866	877	910	1038	1207	1297	1322	1379
19 / 7 / 2006	1006	926	897	874	903	919	983	1137	1227	1331	1322
16 / 8 / 2006	974	902	868	846	843	875	935	1139	1253	1332	1333
20 / 9 / 2006	1008	938	924	855	865	917	1050	1256	1345	1367	1367
18 / 10 / 2006	1080	1015	982	960	1038	1098	1224	1388	1491	1493	1462
15 / 11 / 2006	1160	1083	1057	1032	1045	1134	1317	1483	1552	1536	1478
20 / 12 / 2006	1230	1126	1104	1103	1111	1180	1352	1515	1605	1642	1644

Belgium

Date	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00
18 / 1 / 2006	11135	10663	10290	9987	10028	10354	11467	12399	12691	12629	12598
15 / 2 / 2006	11244	10712	10311	10004	9940	10340	11332	12280	12472	12650	12726
15 / 3 / 2006	10997	10498	10107	9879	9921	10283	11346	11764	11774	11920	11941
19 / 4 / 2006	9987	9395	9063	8922	9071	9491	10376	10871	11297	11553	11594
17 / 5 / 2006	9169	8813	8524	8390	8357	8756	9510	10428	10995	11333	11433
21 / 6 / 2006	8973	8492	8142	8068	8268	8428	9127	10155	10779	11120	11336
19 / 7 / 2006	8744	8416	8075	8056	8098	8243	8505	9243	9855	10309	10617
16 / 8 / 2006	8009	7740	7449	7362	7382	7830	8564	9335	10093	10573	10854
20 / 9 / 2006	8866	8501	8211	8260	8272	8734	9699	10665	10952	11178	11268
18 / 10 / 2006	9549	9034	8698	8537	8657	9096	10152	11588	11775	11856	11929
15 / 11 / 2006	10146	9435	9015	8890	8899	9298	10412	11381	11464	11540	11677
20 / 12 / 2006	11053	10616	10142	9859	9758	10156	11205	12156	12726	12605	12641

Hourly load values on the 3rd Wednesday in MW

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
8975	8869	8877	8753	8715	8814	9045	8937	8562	8212	7657	7757	7303
8799	8574	8531	8474	8499	8479	8867	8914	8514	8017	7522	7632	7175
8595	8346	8320	8275	8181	8284	8432	8520	8365	7806	7470	7550	7118
7546	7322	7299	7213	7132	7041	6940	6941	6911	6960	6567	6538	6040
7688	7432	7377	7257	7100	6900	6793	6662	6542	6507	6327	6186	5693
7940	7696	7681	7574	7494	7294	7261	7054	6785	6746	6679	6595	6050
7728	7527	7476	7400	7264	7127	7037	6945	6660	6471	6545	6516	5935
7234	7065	7001	6870	6791	6651	6592	6468	6290	6345	6107	6000	5468
7656	7366	7287	7183	7082	6970	6904	6910	7203	7009	6347	6218	5771
7859	7565	7523	7380	7470	7407	7527	7897	7823	7419	6904	6760	6216
8081	7828	7782	7686	7678	8004	8393	8316	7977	7512	7007	6972	6394
8865	8634	8689	8663	8719	9028	9222	9066	8684	8288	7763	7784	7303

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
1612	1630	1666	1666	1668	1705	1791	1758	1735	1672	1605	1563	1405
1552	1512	1537	1522	1512	1519	1651	1730	1714	1660	1586	1514	1378
1578	1530	1550	1546	1506	1496	1544	1716	1733	1699	1607	1490	1346
1366	1391	1390	1432	1452	1402	1383	1377	1482	1542	1468	1338	1187
1301	1296	1279	1311	1342	1290	1235	1224	1265	1414	1432	1285	1145
1363	1363	1371	1412	1387	1370	1313	1284	1272	1314	1455	1347	1177
1363	1361	1335	1374	1367	1338	1292	1241	1237	1327	1444	1340	1210
1353	1371	1372	1373	1372	1309	1249	1219	1259	1428	1424	1296	1159
1344	1377	1332	1363	1329	1314	1323	1342	1547	1507	1399	1159	1102
1441	1407	1407	1424	1431	1409	1470	1620	1679	1622	1491	1366	1234
1437	1402	1463	1461	1453	1594	1759	1734	1639	1586	1477	1373	1233
1613	1619	1665	1649	1671	1742	1826	1768	1749	1728	1612	1528	1428

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
12747	12550	12671	12602	12460	12397	12993	13204	12750	12180	11699	11873	11806
12821	12593	12495	12335	12280	12072	12221	12913	12778	12079	11646	11939	11706
12077	11831	11839	11688	11676	11408	11333	11466	12256	11870	11410	11701	11836
11661	11475	11480	11363	11363	11098	11019	10955	10761	10685	10881	11055	10832
11700	11518	11451	11364	11321	11016	11011	10807	10496	10325	10352	10527	10026
11616	11384	11356	11220	11184	11107	11040	10768	10349	10057	9718	10081	9800
10888	10775	10714	10650	10586	10451	10434	10132	9768	9442	9477	10012	9713
11168	10980	10809	10728	10670	10567	10458	10285	9897	9692	9939	10098	9613
11598	11328	11326	11264	11195	10977	10955	10724	10533	11050	10652	10373	9767
12067	11790	11816	11579	11543	11367	11506	11703	12130	11565	10967	10952	10465
11882	11624	11643	11558	11561	11567	12549	12583	12163	11612	11180	11236	10866
12753	12544	12585	12476	12342	12619	13317	13293	12850	12191	11692	12032	11866

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
18 / 1 / 2006	5209	4867	4772	4732	4752	4778	5117	5514	5836	5944	5861
15 / 2 / 2006	5426	5177	5004	4948	4993	5015	5308	5694	6014	6097	6041
15 / 3 / 2006	4790	4561	4428	4321	4255	4276	4781	5091	5340	5506	5456
19 / 4 / 2006	3767	3485	3310	3295	3206	3316	3675	4034	4050	4128	4043
17 / 5 / 2006	3492	3212	3009	2919	2906	3002	3264	3525	3664	3665	3662
21 / 6 / 2006	3608	3297	3166	3166	3107	3129	3350	3602	3800	3912	4004
19 / 7 / 2006	3739	3382	3172	3116	3077	3136	3416	3559	3754	3910	3943
16 / 8 / 2006	3727	3371	3295	3217	3158	3290	3412	3566	3841	3975	4062
20 / 9 / 2006	3624	3354	3224	3175	3117	3214	3571	3882	3968	4118	4105
18 / 10 / 2006	4096	3746	3561	3559	3537	3767	4099	4472	4684	4688	4622
15 / 11 / 2006	4515	4216	4103	3934	3952	4134	4536	4824	4935	4908	4757
20 / 12 / 2006	4756	4502	4351	4254	4174	4358	4679	5173	5526	5711	5650

Switzerland

Date	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00
18 / 1 / 2006	7804	7638	7533	7431	7606	8131	9150	9780	9876	9885	10049
15 / 2 / 2006	7728	7628	7555	7377	7501	7904	8781	9472	9656	10218	9825
15 / 3 / 2006	7911	7876	7717	7515	7631	8152	8766	9333	9281	9402	9530
19 / 4 / 2006	6205	5976	5960	6018	6324	6977	7537	7888	8092	8417	8449
17 / 5 / 2006	5775	5588	5354	5217	5537	6114	7175	7811	8028	8152	8351
21 / 6 / 2006	6019	5752	5660	5250	5433	5930	7629	8111	8077	8349	8572
19 / 7 / 2006	5714	5414	5281	5031	5159	5767	6735	7264	7427	7764	7902
16 / 8 / 2006	5403	5213	5041	4834	5042	5934	6921	7687	7852	8044	8156
20 / 9 / 2006	5855	5613	5499	5276	5540	6550	7559	8014	8114	8314	8556
18 / 10 / 2006	6051	5930	5902	5874	6192	6860	8024	8150	8275	8398	8438
15 / 11 / 2006	6258	6201	6270	6162	6559	7170	8235	8724	8732	8838	8915
20 / 12 / 2006	7829	7597	7657	7443	7580	7913	8871	9406	9242	9289	9223

Serbia & Montenegro

Date	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00
18 / 1 / 2006	6257	5866	5534	5249	5182	5383	5837	6357	6647	6718	6721
15 / 2 / 2006	6120	5737	5492	5254	5196	5141	5489	5923	6228	6436	6426
15 / 3 / 2006	5997	5616	5291	5126	5077	5275	5863	6543	6744	6808	6700
19 / 4 / 2006	4058	3678	3426	3252	3236	3438	4064	4771	5101	5224	5203
17 / 5 / 2006	3668	3258	3024	2897	2918	3047	3685	4262	4371	4483	4405
21 / 6 / 2006	3737	3300	3062	2947	2890	3057	3531	4107	4333	4550	4594
19 / 7 / 2006	3642	3268	3066	2906	2903	2983	3419	3922	4137	4237	4263
16 / 8 / 2006	3574	3226	2987	2895	2890	3007	3439	3897	4158	4251	4365
20 / 9 / 2006	3608	3263	3068	2984	3016	3190	3682	4273	4539	4651	4622
18 / 10 / 2006	4393	4071	3883	3766	3867	3990	4577	5167	5338	5405	5326
15 / 11 / 2006	5191	4816	4456	4313	4319	4611	5256	5826	5858	5750	5633
20 / 12 / 2006	5760	5502	5162	4893	4753	4978	5571	6196	6337	6426	6457

Hourly load values on the 3rd Wednesday in MW

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
5773	5565	5591	5544	5663	5633	6006	6212	6187	5900	5731	5795	5460
6041	5946	5856	5733	5756	5693	5843	6255	6340	6225	6072	6105	5838
5481	5394	5319	5263	5340	5272	5350	5659	5829	5607	5537	5569	5279
3931	3974	3938	3955	3903	3909	3888	4088	4408	4479	4413	4264	4084
3652	3693	3707	3666	3662	3649	3609	3703	3768	3984	4136	4025	3869
3925	3976	4024	4005	3959	3995	3949	3956	4008	3981	4125	4264	4102
4034	3995	4058	3939	3989	3962	3930	3997	3977	4038	4270	4328	4157
4065	4179	4225	4143	4137	4130	4099	4149	4194	4300	4386	4335	4125
4056	4060	4112	4035	4093	3995	4011	4136	4472	4430	4176	4152	3918
4563	4487	4434	4335	4399	4344	4391	4850	5470	5349	5127	4843	4547
4653	4555	4503	4456	4482	4539	5068	5519	5485	5230	5164	5025	4625
5661	5529	5642	5581	5613	5729	5895	6008	6029	5777	5637	5653	5336

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
9804	9828	9842	9684	9668	9884	9626	9383	9027	8660	8686	8362	7971
9382	9546	9456	9320	9367	9134	9213	9000	8564	8207	8384	8177	7724
9234	9060	8881	8870	8697	8484	8783	8970	8713	8572	8614	8350	7904
8181	8019	7946	7713	7617	7353	7325	7105	7133	7436	7275	7095	6461
8071	7892	7655	7519	7611	7367	7153	6888	6891	7047	7230	6907	6050
8051	8161	8217	8099	8102	7999	7732	7343	7109	6714	7188	6814	6177
7713	7698	7723	7693	7469	7344	7079	6641	6442	6489	6936	6537	5950
7843	7594	7587	7462	7377	7166	6926	6791	6848	6948	6951	6601	5704
8180	8093	8220	7948	7893	7543	7489	7336	7672	7173	7198	6715	6236
8042	7980	7935	7964	7891	7674	7757	8145	7704	7301	7415	7023	6493
8616	8384	8405	8249	8228	8795	8968	8487	7921	7414	7724	7373	6986
9101	9007	8991	9002	8999	9439	9326	9205	8906	8553	8601	8572	8295

Serbia & 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
6788	6762	6683	6588	6723	6857	6981	6954	7007	6839	6804	6643	6261
6339	6324	6233	6031	6076	6102	6617	6890	7013	6684	6732	6599	6195
6620	6592	6440	6374	6301	6280	6662	7047	7044	6961	6805	6610	6246
5138	5175	5017	4973	4888	4853	4942	5128	5533	5744	5588	5178	4710
4365	4429	4366	4342	4286	4269	4294	4313	4703	4798	4948	4633	4118
4648	4727	4645	4512	4512	4417	4330	4291	4332	4649	5028	4852	4393
4368	4367	4411	4313	4246	4165	4098	4057	4174	4503	4908	4634	4158
4384	4436	4382	4309	4270	4265	4169	4076	4165	4777	4612	4363	4009
4680	4641	4557	4445	4398	4378	4455	4790	5340	5276	4995	4529	4075
5203	5132	4880	4875	4827	4937	5190	5979	6211	6173	5848	5448	4944
5513	5314	5216	5191	5296	5843	6269	6334	6354	6307	6043	5743	5478
6453	6390	6444	6338	6432	6834	6936	6929	6897	6782	6598	6485	6203

Hourly load values on the 3rd Wednesday in MW

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
18 / 1 / 2006	8393	8316	8353	8341	8498	8927	9600	9490	9748	9675	9722
15 / 2 / 2006	8141	8137	8066	8095	8201	8638	9336	9281	9491	9469	9542
15 / 3 / 2006	8081	8064	8009	7929	8069	8514	9045	9160	9325	9346	9383
19 / 4 / 2006	6540	6540	6464	6366	6672	6988	7743	7812	7927	7749	7807
17 / 5 / 2006	6105	6022	5898	5778	5812	6302	7315	7560	7654	7703	7685
21 / 6 / 2006	6132	6104	5926	5844	5765	6164	7113	7341	7557	7571	7652
19 / 7 / 2006	5934	5845	5687	5579	5578	5976	6779	7040	7299	7370	7484
16 / 8 / 2006	5864	5777	5639	5629	5633	5968	6686	6954	7334	7264	7313
20 / 9 / 2006	6088	5943	5848	5756	5980	6536	7566	7627	7738	7675	7636
18 / 10 / 2006	6738	6722	6630	6609	6893	7456	8587	8364	8456	8263	8159
15 / 11 / 2006	7326	7083	6906	6959	7076	7607	8472	8447	8584	8440	8434
20 / 12 / 2006	7542	7396	7389	7202	7472	7910	8920	9017	9067	9064	9133

Germany

Date	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00
18 / 1 / 2006	62375	60353	59000	58829	60123	62543	68885	76178	78053	77658	78574
15 / 2 / 2006	61470	59027	57962	57820	58809	61100	67243	74070	76612	77040	78274
15 / 3 / 2006	62240	59973	58551	58372	59094	61541	66820	71428	73906	73968	74828
19 / 4 / 2006	51936	49518	48761	49392	51432	54820	59984	65742	69254	70162	70979
17 / 5 / 2006	49561	47429	46237	46602	47882	50853	59158	66690	69521	70295	71639
21 / 6 / 2006	50971	48839	47581	47831	48662	51419	59973	67171	70549	71430	72945
19 / 7 / 2006	50095	47854	46428	46316	47228	49643	57395	64592	68058	69584	70976
16 / 8 / 2006	46923	44894	43526	43671	44648	48327	55665	62141	66012	67112	68708
20 / 9 / 2006	49779	47880	46990	47184	48428	52703	63400	69379	71791	71537	72201
18 / 10 / 2006	53345	51020	49971	50707	52464	56412	65675	73157	74654	74214	74903
15 / 11 / 2006	55314	52717	52519	53916	56098	60097	68467	74912	76280	75324	75537
20 / 12 / 2006	57873	55479	54652	55235	56512	59286	66615	74953	77045	76486	76834

Spain

Date	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00
18 / 1 / 2006	28700	27212	26458	25769	25371	27332	31355	35681	36871	38136	38040
15 / 2 / 2006	28425	26578	25689	25134	25319	27439	31428	34810	35970	37004	36909
15 / 3 / 2006	28664	26566	25104	24363	23966	24270	26454	29258	32470	33805	34490
19 / 4 / 2006	24348	23201	22540	22240	22617	24816	27598	29933	31595	32655	32957
17 / 5 / 2006	24705	23442	22895	22763	22971	24742	27188	30404	32214	33665	34820
21 / 6 / 2006	27993	26067	24948	24500	24305	24506	26050	28650	32187	34157	35904
19 / 7 / 2006	28457	27030	26288	25878	26094	27909	30061	33376	35866	37940	39107
16 / 8 / 2006	22306	21131	20473	20133	20274	21693	23122	24909	26729	28007	28824
20 / 9 / 2006	24812	23763	23156	22786	23030	25187	29192	31514	32851	33963	34839
18 / 10 / 2006	24247	23212	22869	22723	23114	25150	29526	32330	32734	33857	34135
15 / 11 / 2006	24447	23142	22622	22250	22497	24920	28868	31642	32887	34207	34266
20 / 12 / 2006	30276	28567	27472	26832	26852	29130	33528	38058	38981	40458	40658

Hourly load values on the 3rd Wednesday in MW

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
9815	9914	9745	9919	9834	10095	9584	9758	9635	9279	8724	8321	8155
9568	9608	9516	9690	9483	9522	9394	9450	9372	9067	8466	8131	7974
9387	9448	9377	9433	9323	9105	8838	9394	9279	9000	8444	8021	7897
7739	7905	7773	7650	7659	7407	7147	7357	7650	7686	7056	6785	6465
7715	7802	7737	7547	7476	7293	7053	7100	6998	7038	6759	6470	6142
7711	7732	7584	7561	7501	7370	7131	7089	7024	6934	6804	6593	6181
7670	7562	7369	7275	7290	7239	6884	6894	6940	6897	6774	6557	6157
7386	7412	7193	7127	7047	7106	6729	6848	6814	7173	6511	6319	5812
7699	7686	7532	7422	7411	7408	7076	7436	7908	7439	6732	6442	6220
8245	8184	7894	8010	7925	8021	8006	8393	8274	8280	7530	7192	6870
8467	8619	8235	8347	8461	9139	8875	8918	8715	8365	7807	7398	7137
9286	9131	9159	9563	9297	9438	8942	9047	9072	8740	8202	7783	7389

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
79709	78712	78110	77357	76737	76535	80219	80379	77828	73517	71487	69987	65713
79787	79651	79428	78390	77616	76596	78462	80750	78247	73995	71253	69959	64789
76196	75556	75056	73965	73165	71654	72113	75712	77549	73232	70679	69112	64482
72187	71161	70051	68683	67387	65715	65445	65693	65587	65860	65247	62207	56254
73208	71878	70998	69636	68164	66475	66057	65587	64678	62813	62616	59284	53210
74179	72973	72050	70949	69927	68575	67830	67354	66559	63954	61613	60192	55343
72502	71289	70283	69004	67859	66776	66703	66310	65353	62813	61613	60387	54751
70660	69891	68435	67027	65910	64336	63894	63607	63065	61560	61067	56932	51206
73782	72841	72354	70835	69497	67759	67515	67697	69867	70817	65474	59487	53754
75809	74649	73437	72203	70908	69475	70046	74525	76385	71745	67035	62771	57179
76237	75457	74789	73589	72941	74468	80093	79914	77082	72437	69091	65646	60074
77459	76821	76300	75739	75762	77925	80230	79190	76813	72798	69847	67836	61858

												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
37497	36386	34560	34762	34718	35182	37582	38800	38113	37080	34946	34435	31208
36225	35439	33412	33570	33763	34393	35542	38117	38188	36945	34297	33471	30440
34726	34615	33776	31966	31886	31821	31651	31532	33604	35358	34341	32009	30750
33096	32607	30931	30901	31240	31642	31077	30666	31288	33518	31059	28168	26483
35562	35336	33788	33874	34310	34810	34683	33887	33019	33427	31694	29180	26919
36864	37515	37628	36554	36500	37066	31051	36922	36047	31605	34391	34417	32007
39856	40035	39322	39424	40030	40278	39942	38258	36405	35812	35678	33326	30817
29367	29587	29013	28208	28246	28298	28251	27934	27756	29855	28934	26868	24932
35534	35307	33943	33877	34480	34815	34685	33610	35198	35355	32065	29308	26843
34351	34029	32173	32035	32390	32988	32995	33925	35016	33678	30366	27596	25588
34173	33437	31761	31616	31900	33157	36202	36386	35725	34384	31887	30228	27700
40506	39585	37774	38015	38447	39811	42651	42744	42081	41201	38514	37483	34232

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
18 / 1 / 2006	62181	62448	60345	58242	58207	61310	67438	73001	74348	74523	74383
15 / 2 / 2006	63334	63817	62044	59755	59341	62311	67976	71833	74127	75364	75526
15 / 3 / 2006	61627	64782	63156	61109	61101	64328	69665	73093	74891	74577	73075
19 / 4 / 2006	50272	50479	48757	46874	46883	50075	54316	58394	60443	60991	60371
17 / 5 / 2006	43767	43179	41089	39277	39426	41415	45772	50342	53427	54848	55139
21 / 6 / 2006	43744	43473	41491	39883	39928	41443	45598	50170	53503	55456	56362
19 / 7 / 2006	45520	44823	42813	41287	41669	43290	46178	50142	53560	55917	57451
16 / 8 / 2006	35916	35616	33800	32431	32653	34614	36618	39781	43132	45488	46333
20 / 9 / 2006	42006	41901	39988	38328	38535	41230	47593	50612	53012	54403	54813
18 / 10 / 2006	44980	44649	42726	40932	40923	44003	50594	55918	57034	57594	57822
15 / 11 / 2006	50877	50639	49054	47008	47210	50527	57297	61054	62165	62487	62082
20 / 12 / 2006	65575	67828	65988	64070	64141	67754	73135	77394	77995	77555	76392

Greece

Date	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00
18 / 1 / 2006	5317	5320	5174	5029	5078	5619	6540	7117	7730	7678	7793
15 / 2 / 2006	5325	5428	5268	5135	5192	5703	6608	7254	7918	7869	7844
15 / 3 / 2006	4885	4838	4627	4386	4365	4601	5384	6145	6857	7037	7202
19 / 4 / 2006	4310	4150	4048	4007	4066	4437	5079	5822	6239	6298	6362
17 / 5 / 2006	4543	4309	4238	4181	4262	4551	5332	6005	6376	6417	6552
21 / 6 / 2006	5574	5222	5088	5027	5006	5282	6163	7126	7828	8098	8370
19 / 7 / 2006	5693	5402	5280	5225	5296	5454	6206	7061	7723	7889	8049
16 / 8 / 2006	5293	5017	4838	4760	4759	4794	5239	6053	6783	7147	7429
20 / 9 / 2006	4602	4417	4304	4308	4379	4759	5449	6182	6754	6863	7003
18 / 10 / 2006	4559	4298	4144	4057	4145	4634	5426	6172	6749	6855	6975
15 / 11 / 2006	4875	4838	4674	4511	4633	5137	5894	6477	6953	6865	6833
20 / 12 / 2006	5170	5093	4933	4805	4889	5432	6246	6808	7188	7074	7037

Croatia

Date	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00
18 / 1 / 2006	1934	1749	1662	1631	1657	1779	2154	2463	2605	2663	2669
15 / 2 / 2006	1919	1754	1664	1635	1655	1788	2179	2437	2607	2632	2576
15 / 3 / 2006	1885	1729	1637	1611	1640	1775	2078	2383	2525	2532	2480
19 / 4 / 2006	1514	1379	1305	1284	1307	1420	1668	1957	2107	2149	2129
17 / 5 / 2006	1423	1286	1217	1207	1232	1263	1542	1829	1918	1941	1946
21 / 6 / 2006	1640	1468	1375	1352	1358	1377	1647	1898	1922	1973	2019
19 / 7 / 2006	1642	1487	1400	1361	1372	1381	1621	1903	2082	2167	2178
16 / 8 / 2006	1465	1332	1261	1226	1244	1316	1493	1758	1938	2027	2031
20 / 9 / 2006	1489	1365	1305	1298	1317	1426	1724	1957	2075	2099	2075
18 / 10 / 2006	1477	1357	1305	1294	1323	1456	1837	2093	2163	2159	2101
15 / 11 / 2006	1626	1485	1412	1391	1435	1578	1933	2157	2257	2223	2146
20 / 12 / 2006	1897	1716	1615	1593	1619	1766	2154	2479	2599	2607	2557

Hourly load values on the 3rd Wednesday in MW

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
74764	74294	73741	71845	70539	70189	73588	76219	73029	69119	64633	65955	63968
76153	75386	75018	73158	71327	70492	71431	76442	73584	69725	65639	66756	64668
72063	71101	69722	67164	65041	63796	64041	69849	72794	68931	64742	66460	64958
60171	59771	58986	56964	55284	53713	52849	54479	53971	54905	53880	55128	53228
55778	55896	55342	54407	53434	51681	50845	51674	50147	48507	49044	50252	48055
57315	56775	56076	55625	54428	53154	52265	52453	50459	47916	47298	50742	48203
58229	58177	57536	57286	56053	54571	53620	53565	51798	49621	49903	52477	49456
47324	48094	46522	45716	44457	43258	42904	44092	43486	42897	43066	44287	41767
55241	55160	54532	53814	52678	51272	50566	51643	52164	52412	48542	48927	46667
58156	57379	56665	55248	53997	52880	53128	58095	58675	54080	50238	50485	48844
61889	61163	60301	58561	57568	57821	63469	66046	62973	58862	55316	56116	54091
75847	75199	73553	71634	70593	72187	78653	80966	78489	74801	70733	71787	69509

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
7762	7669	7324	7087	7281	7562	8055	8030	7840	7358	6629	6288	5635
7817	7703	7317	7048	7128	7099	7773	8168	8105	7722	6955	6603	5884
7179	7001	6671	6363	6419	6399	6636	7227	7231	6807	6052	5656	5030
6436	6390	6189	5886	5752	5681	5697	5894	6699	6825	6160	5465	4738
6648	6643	6542	6151	5946	5963	6043	6181	6709	7081	6326	5701	5021
8530	8586	8405	7996	7779	7708	7696	7647	7623	8013	7736	7130	6493
8152	8127	7892	7475	7189	7183	7261	7232	7356	7861	7455	6894	6264
7629	7723	7501	7240	7091	7049	7145	7134	7458	7733	7236	6757	6263
7105	6996	6734	6336	6065	6103	6257	6718	7331	6831	6091	5468	4934
7037	7006	6781	6423	6265	6390	6745	7487	7590	7270	6489	5949	5226
6782	6707	6440	6274	6381	6983	7557	7575	7467	7032	6329	5913	5293
7030	6969	6760	6679	6898	7670	8102	8073	7991	7560	6885	6409	5727

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
2710	2666	2586	2534	2519	2626	2780	2762	2746	2650	2655	2481	2161
2579	2561	2472	2417	2397	2484	2710	2800	2799	2710	2695	2481	2154
2497	2455	2384	2331	2276	2303	2422	2673	2753	2703	2678	2472	2148
2156	2127	2059	1978	1916	1908	1915	1944	2104	2287	2173	2071	1786
1999	2002	1939	1879	1821	1797	1789	1772	1823	2029	2106	1976	1712
2285	2319	2269	2165	2134	2094	2070	2056	2081	2105	2252	2217	1961
2254	2288	2251	2175	2105	2084	2071	2080	2132	2167	2328	2247	1975
2073	2100	2067	1994	1932	1885	1912	1945	2047	2273	2251	2112	1855
2119	2108	2049	1982	1922	1894	1889	1937	2303	2295	2150	1989	1721
2129	2092	2016	1934	1868	1858	1923	2263	2441	2356	2190	2029	1767
2186	2150	2100	2041	2038	2238	2550	2535	2475	2410	2391	2165	1865
2563	2517	2444	2372	2365	2608	2817	2797	2788	2733	2734	2536	2212

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
18 / 1 / 2006	4966	4799	4767	4526	4447	4505	5110	5828	5725	5878	5871
15 / 2 / 2006	4912	4812	4750	4495	4417	4551	5177	5681	5812	5844	5755
15 / 3 / 2006	4713	4520	4474	4212	4081	4017	3875	4040	4271	4589	4725
19 / 4 / 2006	4431	4142	4018	3953	3862	3986	4443	5076	5053	5124	5138
17 / 5 / 2006	4451	4144	4054	3923	3863	3866	4366	5009	5138	5197	5251
21 / 6 / 2006	4696	4383	4287	4098	4036	3954	4445	5082	5314	5475	5593
19 / 7 / 2006	4586	4255	4114	3953	3867	3863	4265	4884	5115	5227	5429
16 / 8 / 2006	4371	4094	3948	3788	3758	3887	4099	4659	4812	4929	5024
20 / 9 / 2006	4493	4186	3997	3884	3872	4068	4589	5177	5274	5235	5246
18 / 10 / 2006	4745	4454	4348	4305	4264	4393	5000	5659	5521	5506	5484
15 / 11 / 2006	4731	4617	4519	4278	4240	4383	5028	5454	5476	5531	5553
20 / 12 / 2006	4833	4712	4621	4365	4293	4442	5042	5686	5584	5575	5543

Italy

Date	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00
18 / 1 / 2006	32364	30625	30078	29977	30658	33986	41283	48495	52263	53280	52687
15 / 2 / 2006	32680	31291	31111	30906	31547	34200	41293	48066	52078	52771	52434
15 / 3 / 2006	31782	30704	30182	30270	30663	34191	39058	45829	49405	50090	49616
19 / 4 / 2006	29961	28769	28299	28185	28848	31326	35384	42087	45793	46550	46652
17 / 5 / 2006	31146	29813	29356	29127	29620	30557	35760	41880	44948	46033	46176
21 / 6 / 2006	35114	33772	32794	32381	32774	33501	39064	45365	50211	52322	52893
19 / 7 / 2006	36553	34860	33930	33389	33837	34570	39474	45838	50454	52394	53165
16 / 8 / 2006	23493	22468	21983	21737	22128	23114	24206	27078	29693	31183	31403
20 / 9 / 2006	32103	30792	30173	30208	30622	33257	37693	43693	46878	48034	48092
18 / 10 / 2006	31393	30427	29619	29424	30541	32547	39027	44288	46491	47003	46766
15 / 11 / 2006	32002	30892	30373	30214	30957	33801	40128	45990	48626	49670	49260
20 / 12 / 2006	32340	31136	30653	30845	31748	35546	42218	47959	50782	50472	50227

Luxembourg

Date	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00
18 / 1 / 2006	788	775	786	731	765	726	774	851	886	865	869
15 / 2 / 2006	687	648	644	637	654	638	696	711	776	819	779
15 / 3 / 2006	839	799	792	791	792	805	823	881	920	864	907
19 / 4 / 2006	673	676	670	692	700	720	705	781	833	827	826
17 / 5 / 2006	609	608	638	677	714	682	731	865	898	906	923
21 / 6 / 2006	785	767	695	728	752	729	716	844	855	886	876
19 / 7 / 2006	681	698	713	671	661	650	710	773	824	825	829
16 / 8 / 2006	394	380	375	379	390	409	452	515	583	617	630
20 / 9 / 2006	721	707	672	617	608	583	616	679	757	777	778
18 / 10 / 2006	722	695	753	731	758	765	803	894	919	884	936
15 / 11 / 2006	719	739	758	771	793	775	745	817	836	831	900
20 / 12 / 2006	775	747	741	715	713	742	756	854	885	905	908

Hourly load values on the 3rd Wednesday in MW

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
5977	5841	5838	6031	6271	6123	6187	6070	6114	5965	5986	5653	5417
5813	5701	5646	5968	6131	5929	5861	6070	6117	5939	5940	5668	5423
4733	4663	4591	4759	4778	4647	4539	4841	5163	5100	5025	4856	4660
5148	5098	5035	4907	5240	5263	5153	4840	4894	5339	5157	4913	4795
5250	5255	5220	5109	5379	5312	5203	4855	4859	4945	5203	4944	4879
5683	5670	5704	5571	5817	5798	5670	5306	5284	5248	5482	5461	5260
5496	5502	5486	5389	5599	5669	5483	5140	5121	5085	5287	5311	5087
5122	5139	5123	5021	5299	5259	5132	4728	4750	4951	5142	4920	4772
5301	5181	5181	5151	5457	5387	5321	4974	5192	5505	5180	4894	4845
5446	5396	5371	5268	5617	5586	5587	5588	5972	5830	5500	5207	5096
5494	5432	5410	5608	5767	5762	6120	6015	6001	5878	5859	5550	5130
5499	5417	5351	5672	5834	5911	6180	5996	6010	5862	5919	5641	5234

												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
51153	47950	48876	50008	50255	52809	53816	52656	49137	46123	42432	39091	35328
50990	47726	49120	50144	50880	51376	53231	52458	49486	46755	42305	38738	34914
48183	45466	46504	47137	47319	47546	47510	49920	48258	45777	41651	37979	34428
45157	42358	43382	44198	44314	43943	42195	41392	42617	42978	39699	36193	32685
45051	42802	43948	44692	45195	45251	43465	42034	41136	42647	40420	37026	33626
52503	49942	51323	52076	52437	52232	50434	48536	46510	45934	44576	41702	39006
52652	50532	51333	52224	52693	52471	50246	48914	47216	47246	45386	42708	39666
31532	30922	30480	30234	30249	30655	30796	31213	31978	33411	31049	28676	26369
47318	44756	45565	46863	46866	46724	45037	44651	47140	44319	40757	37494	34546
45291	43144	43923	44694	44773	44990	44251	47586	46106	43437	39760	36670	33699
47744	44978	46146	47492	47917	51307	51973	50434	47387	44771	40583	37399	34169
48016	46040	47012	48425	49259	53631	53295	51740	49138	46264	42352	38910	35023

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
869	882	893	887	878	850	928	972	946	892	843	819	808
798	815	845	878	854	853	855	927	918	880	820	798	789
904	889	892	889	876	865	853	854	909	902	848	865	831
857	826	760	769	706	704	734	772	770	775	782	772	728
939	895	909	906	916	867	868	861	856	857	829	830	786
852	896	862	860	811	873	873	859	870	806	858	812	794
865	838	833	835	818	811	794	822	747	812	812	763	724
633	664	656	644	626	622	625	617	609	601	598	561	544
797	786	771	775	757	755	748	748	764	773	719	675	644
946	936	925	924	848	823	795	852	951	919	863	810	823
907	875	888	777	808	815	874	916	902	819	776	773	740
895	814	801	843	853	890	921	920	893	866	820	817	769

Hourly load values on the 3rd Wednesday in MW

FYROM

Date	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00
18 / 1 / 2006	1262	1143	1072	1035	1026	1055	1135	1228	1328	1386	1415
15 / 2 / 2006	1251	1153	1088	1064	1049	1090	1196	1296	1352	1356	1354
15 / 3 / 2006	1104	994	945	908	892	933	1028	1155	1230	1260	1282
19 / 4 / 2006	750	665	637	617	614	634	733	831	902	918	901
17 / 5 / 2006	669	609	586	568	577	589	669	763	810	821	832
21 / 6 / 2006	662	599	563	546	540	543	599	686	703	737	788
19 / 7 / 2006	714	624	599	586	594	597	648	728	799	850	872
16 / 8 / 2006	702	635	614	593	587	613	638	722	798	809	827
20 / 9 / 2006	692	639	621	605	609	625	707	781	803	834	826
18 / 10 / 2006	832	769	740	755	762	759	805	893	945	961	973
15 / 11 / 2006	977	885	827	793	798	823	919	1017	1068	1049	1021
20 / 12 / 2006	1058	977	915	874	864	888	1000	1088	1178	1212	1261

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
18 / 1 / 2006	10823	9985	9601	9473	9556	10025	11490	14123	15915	16356	16455
15 / 2 / 2006	10386	9627	9214	9107	9065	9401	10845	13297	15012	15755	15951
15 / 3 / 2006	11966	11127	10758	10622	10681	11149	12574	14542	16081	16546	16436
19 / 4 / 2006	11172	10375	10063	9875	9870	10197	11323	13243	14924	15507	15499
17 / 5 / 2006	10975	10226	9830	9688	9620	9756	10618	12393	13948	14807	14922
21 / 6 / 2006	11307	10392	9966	9791	9712	9737	10640	12484	14064	14882	15222
19 / 7 / 2006	11674	10716	10295	10101	9988	10025	10884	12541	14062	15000	15233
16 / 8 / 2006	10469	9659	9229	9022	9016	9155	9744	10902	12120	12975	13364
20 / 9 / 2006	10839	10035	9732	9496	9469	9686	11045	12624	13669	14192	14211
18 / 10 / 2006	11550	10828	10578	10514	10381	10624	11806	14004	15375	15849	15916
15 / 11 / 2006	11445	10679	10226	9991	10007	10515	11907	14156	15322	15833	15848
20 / 12 / 2006	12773	11941	11582	11296	11194	11817	13120	15691	17487	17855	17796

Poland

Date	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00
18 / 1 / 2006	16326	15858	15648	15589	15771	16158	17770	19300	19927	20349	20419
15 / 2 / 2006	15565	15139	14930	14831	15024	15368	16704	18010	18775	19035	19036
15 / 3 / 2006	15624	15105	14970	14942	15158	15296	16397	18120	18874	19022	19022
19 / 4 / 2006	13779	13315	13105	13070	13213	13168	14435	16199	16998	17195	17095
17 / 5 / 2006	13101	12534	12253	12235	11942	11929	13499	15363	16180	16286	16246
21 / 6 / 2006	13381	12758	12347	12212	11735	11945	13492	15361	16353	16726	16799
19 / 7 / 2006	13486	12807	12488	12448	12048	11931	13338	14905	15837	16221	16482
16 / 8 / 2006	11185	10801	10630	10626	10693	10647	12209	14129	15272	15807	15977
20 / 9 / 2006	13412	12866	12642	12603	12738	13150	14540	16121	16893	17045	17036
18 / 10 / 2006	14590	13986	13790	13762	13913	14398	16407	17653	18225	18338	18186
15 / 11 / 2006	14933	14417	14271	14198	14389	14777	16455	17868	18535	18778	18723
20 / 12 / 2006	15759	15127	14810	14787	14963	15483	17406	19335	19920	20180	20190

Hourly load values on the 3rd Wednesday in MW

											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
1428	1405	1448	1458	1459	1505	1520	1485	1465	1442	1431	1441	1361
1339	1338	1324	1369	1366	1376	1444	1478	1484	1461	1450	1448	1347
1253	1245	1267	1267	1240	1245	1269	1332	1343	1320	1297	1301	1217
893	888	906	936	936	924	891	933	1012	1099	1045	970	867
850	813	816	837	824	804	810	815	856	974	967	907	800
814	827	849	867	857	854	806	785	790	870	927	878	795
868	880	886	915	880	839	810	802	830	903	955	918	820
810	814	868	892	879	855	819	824	862	960	936	866	797
796	815	859	884	868	850	848	890	1002	976	915	843	752
958	941	976	981	1015	1003	1043	1126	1186	1168	1122	1088	982
1000	990	1012	1025	1054	1132	1207	1212	1199	1166	1138	1145	1044
1252	1241	1252	1262	1282	1357	1385	1352	1354	1317	1304	1295	1223

											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
16471	16127	16129	16007	15838	15728	16638	16392	15909	15055	14244	13126	12368
16125	15854	15719	15504	15337	15208	15245	15646	15431	14528	13676	12516	11763
16442	16130	16243	15920	15662	15418	15331	15018	16055	15517	14757	13642	12825
15392	15173	15267	15054	14874	14676	14615	13824	13544	13549	14087	13145	12223
14948	14798	14980	15008	14825	14622	14407	13542	13204	12835	13050	12711	12020
15321	15094	15123	15019	14830	14582	14282	13257	12979	12574	12070	12207	12290
15512	15400	15245	15138	15020	15196	14824	14196	13845	13403	13115	13479	13292
13619	13448	13659	13530	13342	13044	12715	11869	11606	11562	12058	11786	11352
14341	14253	14445	14514	14366	14112	13718	12748	12615	13609	13386	12786	12088
15816	15493	15684	15731	15550	15346	15290	15106	15573	15238	14469	13339	12836
15793	15428	15469	15453	15404	15504	16427	15868	15442	14735	13937	12850	12120
17734	17534	17629	17408	17352	17425	17726	17251	16891	16492	15908	14808	13855

											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
20515	20632	20769	20452	20218	21209	21739	21505	21398	20788	19602	18512	17292
19165	19166	19234	18814	18493	18564	20071	20402	20296	19650	18553	17426	16392
19135	19156	19277	18883	18525	18238	18681	20026	20345	19768	18834	17435	16409
17121	16979	16849	16636	16296	15961	15764	15651	16298	17911	17249	15907	14689
16549	16586	16531	16402	16255	15911	15558	15532	15695	16294	16549	15543	14228
17086	17182	17083	16809	16605	16262	15944	15671	15746	15917	16367	15937	14598
16723	16874	16877	16555	16355	16033	15752	15466	15527	15591	16231	16043	14702
16271	16298	16277	16059	15890	15583	15295	15119	15427	16619	16425	15152	13927
17226	17187	17189	16979	16805	16543	16245	16567	18480	18280	16820	15439	14252
18252	18079	17949	17599	17327	17042	17540	19573	19987	19334	18065	16702	15535
18945	19017	19026	18841	18887	20209	20653	20336	20203	19518	18310	17036	15842
20482	20568	20679	20609	20979	22017	21951	21638	21572	20942	19753	18333	16899

Hourly load values on the 3rd Wednesday in MW

Portugal

Date	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00
18 / 1 / 2006	6601	5779	5350	5077	5000	4968	5026	5502	6491	7446	7857
15 / 2 / 2006	6078	5464	5100	4891	4805	4792	4905	5321	6070	7048	7381
15 / 3 / 2006	5565	5011	4709	4492	4470	4464	4591	4750	5614	6575	6816
19 / 4 / 2006	5147	4574	4307	4129	4057	4063	4188	4381	5141	6136	6480
17 / 5 / 2006	5405	4818	4583	4453	4394	4381	4458	4495	5377	6432	6801
21 / 6 / 2006	5410	4891	4640	4493	4431	4407	4430	4570	5338	6376	6706
19 / 7 / 2006	5896	5320	5043	4792	4647	4676	4753	4834	5551	6620	7115
16 / 8 / 2006	4716	4344	4104	3907	3864	3789	3892	4003	4385	5145	5561
20 / 9 / 2006	5403	4921	4714	4522	4522	4494	4597	4978	5510	6400	6775
18 / 10 / 2006	5259	4732	4444	4243	4200	4192	4294	4763	5605	6457	6783
15 / 11 / 2006	5225	4781	4478	4395	4334	4359	4450	4709	5472	6412	6779
20 / 12 / 2006	6782	6023	5511	5275	5092	5078	5186	5558	6302	7350	7830

Romania

Date	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00
18 / 1 / 2006	6577	6394	6226	6187	6122	6203	6381	6816	7478	7766	7772
15 / 2 / 2006	6434	6161	6065	5971	5968	6003	6206	6618	7115	7463	7559
15 / 3 / 2006	6241	6045	5928	5853	5803	5875	5935	6164	6782	7288	7443
19 / 4 / 2006	5967	5575	5462	5360	5262	5303	5368	5667	6190	6616	6806
17 / 5 / 2006	5194	5055	4990	4978	5016	5030	5048	5580	6049	6053	6039
21 / 6 / 2006	5718	5293	5107	5079	5059	5074	5073	5171	5678	6124	6228
19 / 7 / 2006	5577	5196	5174	5093	5027	5034	4947	5108	5531	5932	6177
16 / 8 / 2006	5516	5244	5047	4936	4923	4974	5033	5027	5403	5831	6007
20 / 9 / 2006	5125	5085	5048	5071	5267	5632	5806	6061	6279	6405	6322
18 / 10 / 2006	5673	5555	5470	5442	5625	6123	6607	6862	6895	6815	6743
15 / 11 / 2006	5619	5596	5666	5831	6357	6730	7011	7111	6994	6820	6737
20 / 12 / 2006	6241	6257	6191	6192	6311	6648	7114	7355	7298	7274	7288

Slovenia

Date	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00
18 / 1 / 2006	1449	1449	1420	1402	1400	1493	1827	2092	2062	2036	2045
15 / 2 / 2006	1512	1449	1414	1416	1425	1549	1873	2075	2050	2009	1996
15 / 3 / 2006	1438	1369	1344	1344	1362	1458	1790	1942	1982	1953	1946
19 / 4 / 2006	1238	1220	1174	1174	1189	1286	1597	1765	1830	1798	1789
17 / 5 / 2006	1295	1234	1203	1204	1210	1275	1558	1754	1802	1782	1776
21 / 6 / 2006	1486	1407	1370	1365	1365	1425	1704	1925	1945	1923	1926
19 / 7 / 2006	1413	1360	1312	1320	1305	1378	1621	1771	1862	1842	1863
16 / 8 / 2006	1104	1054	1023	1022	1032	1126	1374	1544	1621	1617	1606
20 / 9 / 2006	1298	1254	1208	1227	1236	1343	1674	1831	1869	1829	1836
18 / 10 / 2006	1373	1294	1273	1269	1303	1402	1796	1980	1976	1938	1894
15 / 11 / 2006	1464	1390	1363	1348	1396	1503	1863	2015	2005	1951	1916
20 / 12 / 2006	1467	1406	1376	1363	1412	1509	1885	2092	2057	1985	1993

Hourly load values on the 3rd Wednesday in MW

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
7952	7970	7312	7484	7567	7481	7496	7932	8484	8491	8284	7989	7430
7468	7460	6917	7179	7329	7350	7340	7285	8024	8047	7822	7498	7062
6902	6920	6376	6630	6800	6746	6708	6444	6978	7260	7027	6717	6362
6642	6678	6078	6258	6422	6340	6249	5959	5890	6044	6660	6475	5955
6971	7019	6495	6639	6790	6744	6662	6529	6371	6320	6578	6540	6061
6854	7027	6610	6752	6862	6736	6655	6584	6397	6214	6143	6503	6165
7371	7467	7032	7262	7339	7307	7244	7045	6806	6620	6506	6784	6475
5742	5854	5683	5608	5677	5628	5608	5513	5462	5508	5920	5755	5380
6961	7057	6578	6706	6898	6852	6775	6610	6478	7008	7005	6680	6132
6963	6974	6434	6557	6726	6659	6598	6443	6752	7116	6769	6435	5962
6939	7032	6598	6847	7085	7114	7242	7470	7461	7220	6868	6492	6096
7979	8021	7494	7652	7791	7721	7906	8862	9048	9041	8784	8474	7869

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
7665	7487	7452	7570	7367	7157	7205	7491	7758	7642	7540	7209	6859
7379	7245	7279	7293	7223	6979	6931	7014	7582	7717	7583	7332	6916
7447	7404	7389	7361	7246	7078	6967	6992	7285	7601	7519	7221	6810
6818	6785	6908	6844	6664	6551	6487	6429	6386	6464	6882	6980	6506
5970	6092	6015	5923	5829	5827	5826	5751	5804	6059	6372	6123	5778
6278	6349	6406	6391	6245	6096	6046	6002	5862	5862	5918	6193	6216
6242	6311	6383	6426	6343	6286	6182	5987	5871	5838	5891	6180	6251
6031	6073	6133	6102	6104	5979	5991	5904	5739	5761	5984	6432	6147
6319	6313	6259	6149	6045	5943	6006	6325	6855	6668	6193	5697	5364
6680	6698	6588	6399	6185	6217	6504	7269	7323	6977	6562	6129	5667
6733	6656	6536	6676	7340	7498	7512	7354	7070	6579	6213	5904	5763
7286	7405	7207	7103	7111	7823	7974	7897	7795	7502	6992	6634	6445

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
2055	2016	1973	1983	1950	2005	2092	2128	2103	2014	1852	1736	1594
2017	2020	1970	2006	1989	2025	2100	2124	2111	2036	1855	1744	1623
1965	1951	1886	1880	1835	1849	1862	1993	2040	1928	1773	1648	1537
1806	1795	1785	1725	1704	1652	1643	1666	1755	1823	1690	1524	1376
1816	1809	1822	1771	1737	1770	1691	1709	1737	1780	1763	1620	1501
1965	1984	1946	1988	1932	1933	1872	1868	1869	1830	1853	1742	1646
1924	1931	1895	1897	1850	1846	1771	1781	1753	1752	1778	1704	1536
1651	1670	1645	1658	1606	1624	1540	1560	1580	1668	1607	1495	1355
1862	1869	1906	1866	1841	1808	1777	1829	1973	1965	1792	1637	1495
1911	1893	1837	1847	1785	1818	1775	1995	2089	2013	1804	1660	1540
1947	1925	1891	1934	1918	2028	2102	2136	2084	2006	1831	1690	1568
1995	1981	1933	1950	1921	2058	2147	2166	2110	2042	1888	1772	1609

Hourly load values on the 3rd Wednesday in MW

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
18 / 1 / 2006	3623	3552	3573	3585	3706	3838	4136	4076	4198	4189	4194
15 / 2 / 2006	3536	3401	3413	3427	3516	3737	4012	4014	4064	4042	4017
15 / 3 / 2006	3436	3364	3332	3332	3505	3565	3806	3862	3944	3942	3876
19 / 4 / 2006	3012	2859	2834	2819	2918	3070	3393	3380	3430	3416	3338
17 / 5 / 2006	2796	2666	2698	2713	2751	2875	3201	3330	3371	3367	3342
21 / 6 / 2006	2895	2782	2738	2788	2678	2812	3201	3324	3355	3368	3336
19 / 7 / 2006	2895	2714	2729	2697	2654	2776	3098	3237	3312	3383	3378
16 / 8 / 2006	2644	2586	2500	2522	2623	2640	2936	3064	3228	3131	3189
20 / 9 / 2006	2801	2670	2693	2623	2831	2961	3292	3380	3406	3435	3326
18 / 10 / 2006	3068	2959	2886	2902	3044	3287	3695	3657	3682	3632	3565
15 / 11 / 2006	3303	3128	3173	3134	3244	3446	3764	3812	3885	3847	3817
20 / 12 / 2006	3431	3356	3261	3281	3466	3663	4072	4026	4041	4055	4050

UCTE

Date	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00
18 / 1 / 2006	292498	282861	275405	270360	272526	287230	321499	356499	371177	375721	376575
15 / 2 / 2006	290380	280988	274448	269364	271165	284814	317505	347997	364466	371096	372166
15 / 3 / 2006	287878	281285	273635	268772	269984	282776	308864	335100	352256	357120	357293
19 / 4 / 2006	245716	236252	230295	227461	231419	246222	271211	298995	315985	322195	323283
17 / 5 / 2006	234218	224240	217507	214483	216705	227250	257146	288527	305358	312927	316727
21 / 6 / 2006	246510	235293	226951	223176	223683	231166	260909	291429	313127	324342	331244
19 / 7 / 2006	249287	237669	229881	225614	226992	235532	261178	290632	311484	324044	331391
16 / 8 / 2006	208746	199933	193001	189738	191806	202813	222270	245078	263731	274115	280028
20 / 9 / 2006	234080	225260	219073	215976	219265	235793	271683	297852	311855	317780	320440
18 / 10 / 2006	245575	236357	230062	227736	232411	248412	287115	317229	326796	329898	330936
15 / 11 / 2006	258226	248491	243302	240765	245840	263542	300083	327738	337955	340852	340343
20 / 12 / 2006	291425	283825	276647	272632	275356	292663	327951	361553	372708	374583	374128

Hourly load values on the 3rd Wednesday in MW

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
4146	4169	4134	4120	4155	4316	4266	4254	4237	4035	3841	3797	3699
4026	4025	3973	4020	3976	4065	4127	4180	4114	3921	3798	3778	3610
3878	3896	3827	3893	3809	3759	3918	4081	4054	3802	3681	3636	3572
3400	3354	3281	3274	3288	3259	3170	3291	3424	3495	3233	3177	3011
3386	3389	3351	3303	3298	3197	3120	3163	3278	3354	3106	3033	2958
3359	3440	3322	3357	3357	3370	3162	3232	3223	3299	3302	3207	3108
3362	3430	3327	3295	3218	3249	3191	3142	3112	3183	3220	3149	2996
3262	3270	3143	3143	3140	3120	3031	3064	3157	3127	3018	2975	2884
3364	3387	3298	3337	3243	3212	3256	3381	3408	3314	3115	3072	2913
3547	3526	3425	3415	3409	3492	3658	3930	3824	3604	3385	3249	3231
3772	3750	3716	3777	3790	4076	3993	3994	3909	3765	3622	3537	3360
4013	4072	4031	4047	4096	4254	4220	4222	4128	3987	3835	3625	3515

												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
376187	369324	366220	364341	362483	366662	380137	383281	372010	354913	337311	328833	309202
372183	366193	363298	360863	358782	357310	366929	379013	370781	353970	335049	326313	305764
356475	350649	347587	341857	337901	333693	335443	351266	359580	347521	330791	320300	303645
322842	317251	313310	309312	306037	300995	296528	296384	300117	307404	298251	285348	265103
319417	315275	312268	309543	307521	302815	298175	294589	290835	291035	287807	275703	254597
335142	331618	330534	327362	324660	320885	309412	310317	303178	292542	291783	289886	271765
335772	332366	329667	327944	325562	322225	316648	310647	303070	297874	296512	292294	272092
285159	284584	279774	275088	272112	268389	265880	264959	264449	269149	265221	254586	235440
323279	318567	316029	313728	311189	306614	302856	303002	315445	314011	291703	273984	254039
330712	324780	320073	316825	314149	311726	313725	334350	339161	322474	299899	283703	264744
339190	332723	329330	327459	327957	339593	359855	360082	347634	329608	310553	297564	277574
372288	367038	363395	362682	363616	378117	391622	391130	381288	365467	346373	336197	313799

Hourly load values on the 3rd Wednesday in MW

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
18 / 1 / 2006	2215	2134	2090	2083	2128	2312	2782	3397	3561	3510	3565
15 / 2 / 2006	2159	2079	2053	2068	2114	2280	2692	3229	3402	3436	3507
15 / 3 / 2006	2172	2099	2078	2107	2169	2330	2755	3255	3412	3381	3435
19 / 4 / 2006	1935	1871	1844	1859	1903	2066	2407	2857	3029	3012	3053
17 / 5 / 2006	1902	1829	1790	1799	1857	1956	2325	2796	3019	3012	3057
21 / 6 / 2006	2032	1947	1909	1897	1899	2001	2332	2757	2962	2995	3072
19 / 7 / 2006	1800	1734	1704	1693	1686	1724	1913	2217	2449	2548	2616
16 / 8 / 2006	1903	1818	1786	1791	1830	1960	2292	2718	2919	2947	3013
20 / 9 / 2006	1921	1840	1810	1811	1862	2040	2476	2865	2971	2972	3021
18 / 10 / 2006	1941	1861	1829	1830	1870	2008	2362	2879	3069	3072	3121
15 / 11 / 2006	2043	1954	1934	1942	1996	2185	2626	3199	3312	3271	3311
20 / 12 / 2006	2147	2063	2034	2036	2091	2259	2715	3316	3511	3399	3393

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
18 / 1 / 2006	704	703	691	721	734	844	893	918	914	907	887
15 / 2 / 2006	711	690	712	701	717	810	840	873	859	861	847
15 / 3 / 2006	640	629	631	660	689	714	769	809	816	814	778
19 / 4 / 2006	536	550	520	553	565	613	679	696	714	679	674
17 / 5 / 2006	470	453	446	443	447	519	545	596	590	579	605
21 / 6 / 2006	485	462	484	459	489	489	559	598	599	610	598
19 / 7 / 2006	494	497	478	489	494	531	561	598	638	612	600
16 / 8 / 2006	476	438	430	468	476	491	547	587	610	572	572
20 / 9 / 2006	451	456	445	440	458	563	586	626	624	612	593
18 / 10 / 2006	536	524	519	512	550	621	712	699	696	674	654
15 / 11 / 2006	571	562	570	630	691	732	761	776	779	732	716
20 / 12 / 2006	618	605	586	584	625	722	769	792	786	796	740

Hourly load values on the 3rd Wednesday in MW

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
3551	3431	3451	3403	3258	3357	3652	3480	3264	3052	2877	2646	2381
3492	3386	3402	3337	3225	3222	3483	3404	3173	2950	2754	2559	2314
3408	3272	3311	3253	3091	3063	3244	3263	3209	2981	2795	2594	2348
3033	2913	2949	2921	2812	2823	3007	2885	2758	2636	2559	2388	2130
3044	2952	2970	2903	2742	2660	2774	2661	2513	2382	2339	2303	2072
3071	2999	3052	2977	2818	2729	2829	2714	2577	2478	2385	2322	2182
2609	2557	2554	2506	2414	2360	2406	2388	2263	2150	2090	2123	1999
3008	2917	2957	2890	2709	2641	2768	2675	2533	2432	2441	2311	2074
3013	2928	2968	2922	2790	2735	2851	2769	2707	2675	2551	2332	2071
3106	3011	3044	2995	2867	2830	3047	3109	2955	2726	2521	2338	2121
3285	3167	3222	3181	3068	3220	3497	3309	3092	2854	2650	2443	2196
3336	3216	3210	3142	3090	3296	3500	3390	3179	2950	2762	2518	2237

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
889	874	886	891	901	969	925	917	906	881	796	729	711
839	808	813	812	792	858	944	909	909	858	780	735	677
774	773	775	760	761	814	875	914	869	842	754	697	656
682	670	655	688	649	643	682	703	774	762	694	614	559
636	602	595	638	574	597	607	640	632	636	584	510	455
601	621	611	623	569	575	575	587	583	651	634	549	485
605	598	626	625	564	619	577	576	618	654	637	566	518
573	609	588	609	572	555	559	547	614	667	584	490	442
598	608	609	572	589	584	625	702	717	697	572	530	510
659	645	667	624	631	649	742	834	795	729	683	576	546
724	723	730	801	876	867	830	784	739	604	581	566	547
733	746	731	791	845	923	882	871	841	796	737	678	636

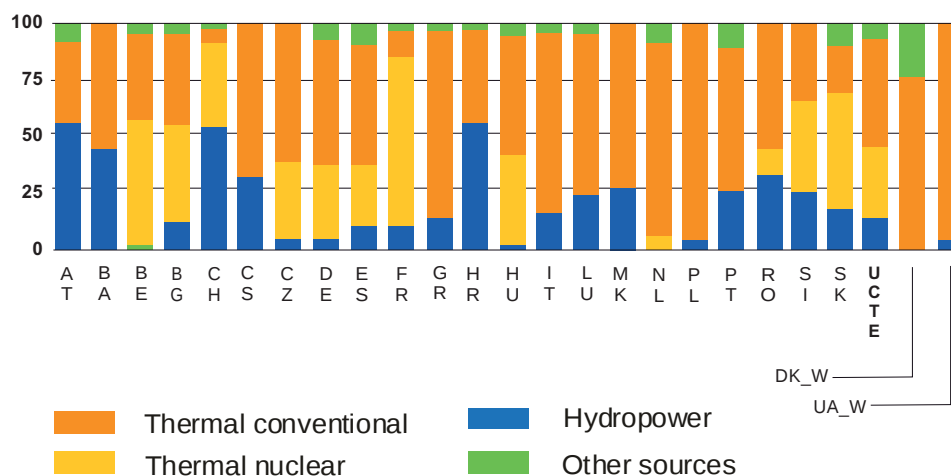
SYSTEM INFORMATION

3

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

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² The Bulgarian data of production and consumption are gross values.



Country	Thermal nuclear		Thermal conventional		Hydro-production		Other renewable		of which wind	Not clearly identifiable		Total
	TWh	%	TWh	%	TWh	%	TWh	%	TWh	TWh	%	TWh
AT	-	-	22,5	35,7	34,1	54,1	-	-	-	6,4	10,2	63,0 ²
BA	-	-	7,5	56,0	5,9	44,0	-	-	-	-	-	13,3
BE ³	44,3	54,4	32,6	40,0	1,6	2,0	2,9	3,6	0,3	-	-	81,4 ²
BG	19,0	43,1	20,5	46,6	4,5	10,2	-	-	-	-	-	43,9 ²
CH	26,2	42,2	2,3	3,7	32,6	52,4	1,1	1,7	0,01	-	-	62,1 ²
CS	-	-	28,8	69,7	12,5	30,3	-	-	-	-	-	41,2 ²
CZ	24,5	31,5	50,0	64,2	3,2	4,2	0,2	0,2	0,05	-	-	77,9 ²
DE ⁴	158,7	27,0	359,1	61,1	24,0	4,1	46,0	7,8	32,3	-	-	587,8 ²
ES	57,4	21,4	153,8	57,4	29,0	10,8	28,0	10,4	22,6	-	-	268,2 ²
FR	428,7	78,1	54,0	9,8	60,9	11,1	5,5	1,0	2,2	-	-	549,1
GR ⁵	-	-	42,7	84,6	6,4	12,8	1,3	2,6	1,2	-	-	50,4 ²
HR	-	-	5,3	46,3	6,1	53,5	0,02	0,2	0,02	-	-	11,4 ²
HU	12,7	37,9	18,7	56,1	0,2	0,6	1,2	3,5	0,04	0,7	2,0	33,4 ²
IT	-	-	250,7	83,1	42,5	14,1	8,4	2,8	3,2	-	-	301,5 ²
LU	-	-	3,2	75,9	0,9	21,2	0,1	2,9	0,1	-	-	4,2
MK	-	-	4,9	75,3	1,6	24,7	-	-	-	-	-	6,6 ²
NL	3,3	3,5	84,3	89,0	0,1	0,1	7,1	7,5	2,7	-	-	94,7 ²
PL	-	-	145,7	97,9	2,8	1,9	0,3	0,2	0,2	-	-	148,9 ²
PT	-	-	30,0	65,2	11,2	24,4	4,8	10,5	2,9	-	-	46,0 ²
RO	5,2	9,1	34,2	59,6	18,0	31,3	-	-	-	-	-	57,4 ²
SI	5,3	40,2	4,7	36,0	3,1	23,8	-	-	-	-	-	13,1
SK	16,6	57,3	5,4	18,6	4,4	15,2	0,01	0,03	0,01	2,6	8,9	29,0 ²
UCTE	801,9	31,1	1360,7	52,5	305,6	11,8	106,8	4,1	67,9	9,7	0,4	2584,7 ²
DK_W	-	-	20,1	76,6	0,03	0,1	6,1	23,3	4,7	-	-	26,2 ²
UA_W	-	-	8,3	98,5	0,1	1,5	-	-	-	-	-	8,4 ²

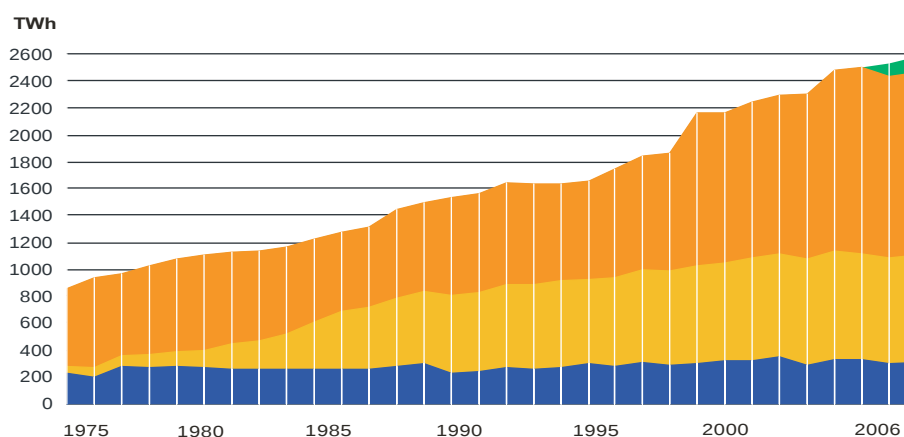
¹ All net production values are calculated to represent 100% of the national values. The percentage as referred to the national values are specified on page 10 and page 11 of this Yearbook.

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.



Year	Hydro power	Thermal nuclear	Thermal conventional	Other sources ²	Total
	TWh	TWh	TWh	TWh	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		1863,7
1998 ⁴	284,4	689,5	1057,7		2169,8
1999	302,0	705,5	1053,0		2164,0
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	305,6	801,9	1354,6	115,1	2584,7

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

National electricity consumption

Country	GWh	Δ % ¹	repr % ²	Country	GWh	Δ % ¹	repr % ²
AT	66500	5,0	100	HU	40629	3,2	100
BA	11109	- 0,7	100	IT	337796	2,2	100
BE	89900	2,2	100	LU	6616	5,8	100
BG	35672	- 1,2	100	MK	8377	3,6	100
CH	63223	0,3	100	NL	116179	1,3	100
CS	42262	1,5	100	PL	136498	4,3	100
CZ	64319	2,5	100	PT	50705	1,7	97
DE	559078	0,5	100	RO	53016	2,1	100
ES	259679	2,7	98	SI	13331	4,2	95
FR	478360	- 0,8	100	SK	27208	3,4	100
GR ³	53988	2,1	100				
HR	16810	1,5	100				
UCTE	2531244	1,4		DK_W	21737	2,0	100
				UA_W	4328	- 0,8	100

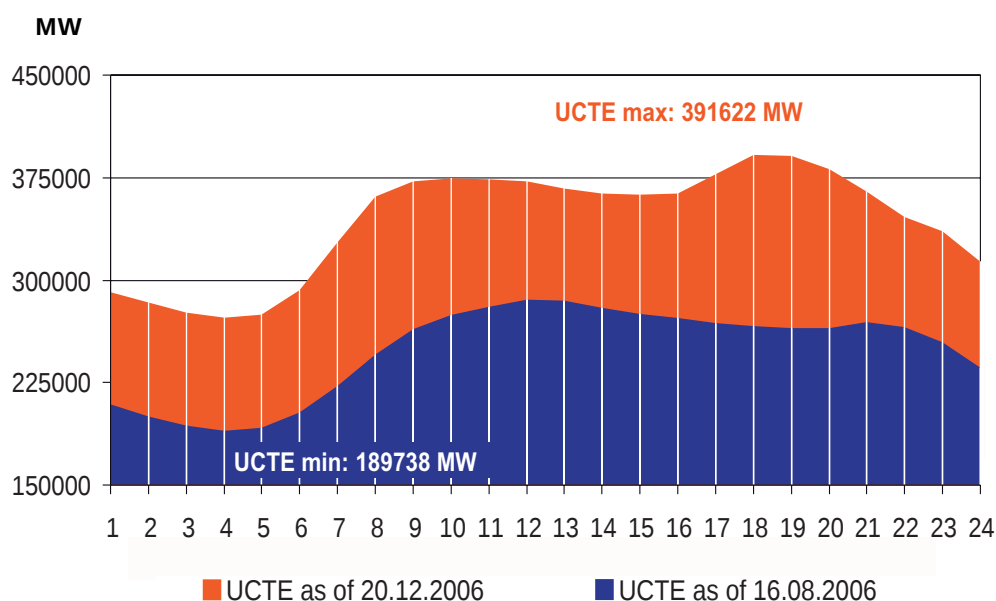
National annual maximum load in each country⁴

Country	Date	Day	Time	MW	Δ % ¹
AT	25 January	Wednesday	06:00 p.m.	9481	3,2
BA	29 December	Friday	06:00 p.m.	2019	0,7
BE	18 December	Monday	05:45 p.m.	13848	0,9
BG	25 January	Wednesday	06:00 p.m.	6930	6,6
CH	15 February	Wednesday	10:15 a.m.	10218	4,4
CS	26 January	Thursday	06:00 p.m.	7699	1,0
CZ	25 January	Wednesday	03:00 p.m.	10484	4,7
DE	11 December	Monday	05:30 p.m.	77800	1,4
ES	30 January	Monday	07:00 p.m.	41907	- 2,8
FR	27 January	Friday	06:58 p.m.	86280	0,3
GR ³	21 August	Monday	01:00 p.m.	9889	4,2
HR	25 January	Wednesday	08:00 p.m.	3036	4,7
HU	13 December	Wednesday	05:00 p.m.	6074	- 0,1
IT	27 June	Thursday	11:00 a.m.	55619	1,1
LU	12 December	Thursday	06:00 p.m.	1035	- 1,1
MK	31 December	Sunday	06:00 p.m.	1565	5,0
NL	12 January	Thursday	05:30 p.m.	16496	- 2,5
PL	24 January	Thursday	06:00 p.m.	22673	4,6
PT	30 January	Monday	08:30 p.m.	8804	3,2
RO	13 December	Wednesday	05:00 p.m.	8151	0,6
SI	26 January	Thursday	07:00 p.m.	2075	0,1
SK	26 January	Thursday	06:00 p.m.	4423	1,8
DK_W ⁵	04 January	Wednesday	06:00 p.m.	3755	n.a.
UA_W	25 January	Wednesday	06:00 p.m.	1028	0,4

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 The values for Greece refer to the interconnected system and not to the whole country.⁴ The maximum load values of each country are specified in the System Adequacy Retrospect 2006 published on 18 July 2007.⁵ The values of DK_W are collected as monthly hourly load values and not contained in the SA Retrospect 2006.



Highest load 3rd Wednesday of each country

Lowest load 3rd Wednesday of each country

Country	MW	Date	Time	MW	Date	Time
AT	9222	20 December	06:00 p.m.	4202	16 August	04:00 a.m.
BA	1826	20 December	06:00 p.m.	843	16 August	05:00 a.m.
BE ¹	13317	20 December	06:00 p.m.	7362	16 August	04:00 a.m.
BG	6340	15 February	08:00 p.m.	2906	17 May	05:00 a.m.
CH	10218	15 February	10:00 a.m.	4834	16 August	04:00 a.m.
CS	7047	15 March	07:00 p.m.	2890	21 June	05:00 a.m.
CZ	10095	18 January	05:00 p.m.	5578	19 July	05:00 a.m.
DE ¹	80750	15 February	07:00 p.m.	43526	16 August	03:00 a.m.
ES	42744	20 December	07:00 p.m.	20133	16 August	04:00 a.m.
FR	80966	20 December	07:00 p.m.	32431	16 August	04:00 a.m.
GR ²	8586	21 June	01:00 p.m.	4007	19 April	04:00 a.m.
HR	2817	20 December	06:00 p.m.	1207	17 May	04:00 a.m.
HU	6271	18 January	04:00 p.m.	3758	16 August	05:00 a.m.
IT	53816	18 January	06:00 p.m.	21737	16 August	04:00 a.m.
LU	972	18 January	07:00 p.m.	375	16 August	03:00 a.m.
MK	1520	18 January	06:00 p.m.	540	21 June	05:00 a.m.
NL	17855	20 December	10:00 a.m.	9016	16 August	05:00 a.m.
PL ³	22017	20 December	05:00 p.m.	10626	16 August	04:00 a.m.
PT	9048	20 December	08:00 p.m.	3789	16 August	06:00 a.m.
RO	7974	20 December	06:00 p.m.	4923	16 August	05:00 a.m.
SI	2166	20 December	07:00 p.m.	1022	16 August	04:00 a.m.
SK	4316	18 January	05:00 p.m.	2500	16 August	03:00 a.m.
UCTE	391622	20 December	06:00 p.m.	189738	16 August	04.00 a.m.
DK_W	3652	18 January	06:00 p.m.	1686	19 July	05:00 a.m.
UA_W	969	18 January	05:00 p.m.	430	16 August	03:00 a.m.

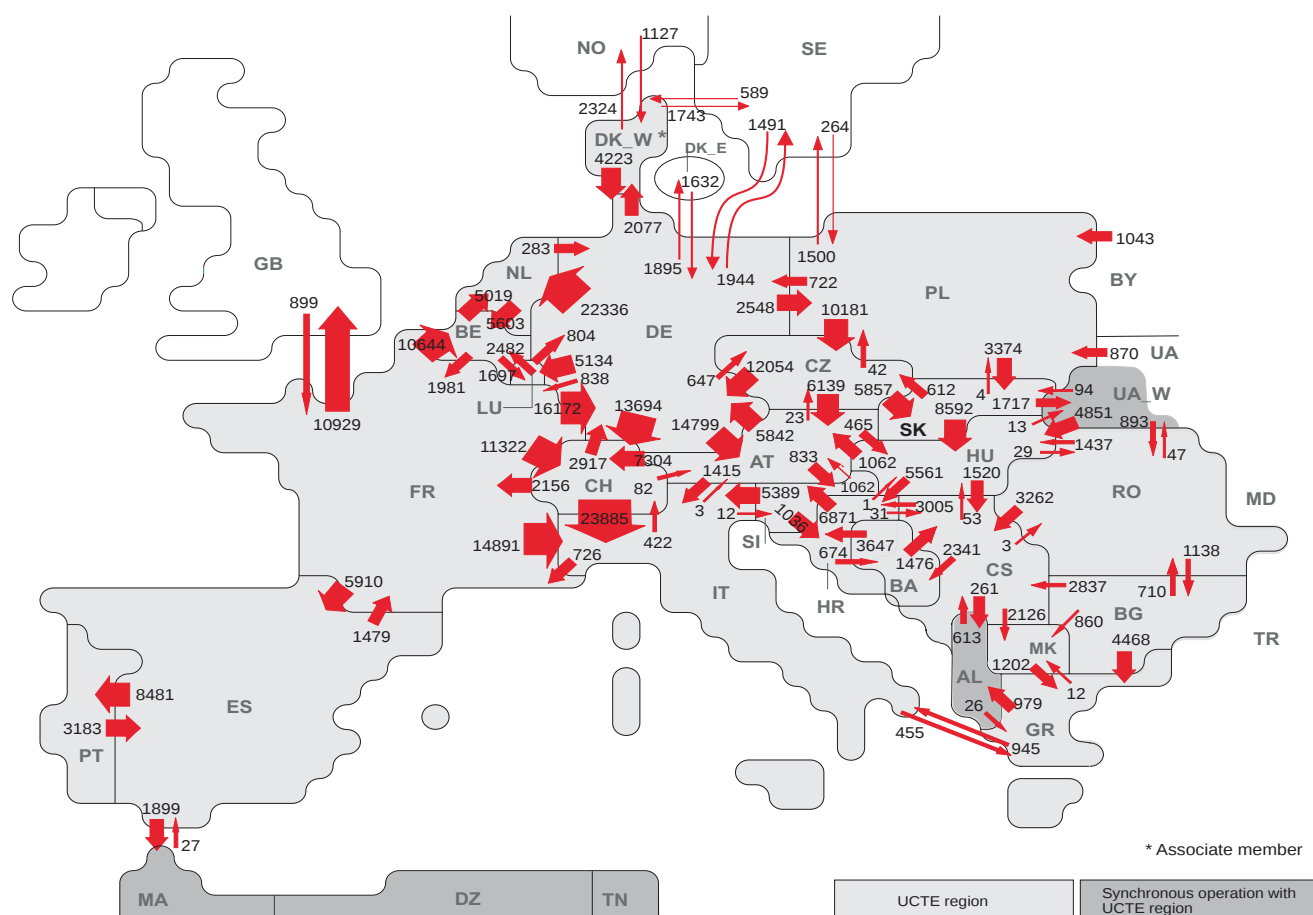
¹ The reported figures are best estimated based on actual measurements.

² The values for Greece refer to the interconnected system and not to the whole country.

³ Average value of each hour.

Month	GW	Month	GW	Month	GW	Month	GW	Month	GW	Month	GW
01/1983	187,7	01/1987	231,7	01/1991	244,3	01/1995	254,6	01/1999	307,3	01/2003	361,0
02/1983	197,6	02/1987	215,6	02/1991	242,5	02/1995	235,4	02/1999	313,8	02/2003	369,1
03/1983	180,8	03/1987	208,1	03/1991	214,9	03/1995	237,6	03/1999	291,4	03/2003	329,1
04/1983	172,1	04/1987	195,9	04/1991	216,6	04/1995	227,1	04/1999	285,7	04/2003	317,4
05/1983	167,4	05/1987	193,1	05/1991	214,0	05/1995	223,6	05/1999	273,0	05/2003	311,2
06/1983	165,2	06/1987	189,8	06/1991	211,5	06/1995	220,3	06/1999	280,1	06/2003	321,2
07/1983	158,3	07/1987	188,2	07/1991	208,4	07/1995	220,2	07/1999	277,2	07/2003	314,1
08/1983	141,0	08/1987	167,0	08/1991	189,7	08/1995	189,6	08/1999	255,1	08/2003	282,7
09/1983	168,3	09/1987	193,4	09/1991	208,9	09/1995	232,7	09/1999	278,0	09/2003	306,0
10/1983	170,5	10/1987	196,5	10/1991	214,5	10/1995	265,4	10/1999	296,2	10/2003	320,2
11/1983	184,3	11/1987	204,7	11/1991	237,5	11/1995	285,4	11/1999	308,5	11/2003	343,1
12/1983	188,7	12/1987	216,1	12/1991	245,3	12/1995	300,4	12/1999	319,1	12/2003	361,6
01/1984	192,0	01/1988	211,4	01/1992	245,9	01/1996	305,8	01/2000	321,0	01/2004	361,1
02/1984	197,1	02/1988	209,3	02/1992	242,8	02/1996	302,0	02/2000	312,9	02/2004	352,8
03/1984	182,5	03/1988	208,0	03/1992	219,6	03/1996	284,4	03/2000	297,4	03/2004	327,9
04/1984	174,4	04/1988	194,3	04/1992	223,0	04/1996	266,9	04/2000	293,4	04/2004	316,4
05/1984	174,4	05/1988	192,6	05/1992	208,4	05/1996	264,3	05/2000	285,5	05/2004	311,4
06/1984	169,3	06/1988	193,3	06/1992	201,7	06/1996	263,3	06/2000	296,2	06/2004	313,2
07/1984	164,0	07/1988	188,4	07/1992	205,5	07/1996	259,0	07/2000	285,4	07/2004	325,7
08/1984	152,5	08/1988	171,3	08/1992	187,4	08/1996	241,9	08/2000	259,1	08/2004	288,8
09/1984	175,7	09/1988	197,9	09/1992	209,3	09/1996	267,5	09/2000	290,1	09/2004	317,5
10/1984	175,2	10/1988	197,5	10/1992	226,1	10/1996	276,0	10/2000	298,7	10/2004	329,1
11/1984	187,8	11/1988	215,8	11/1992	229,5	11/1996	296,7	11/2000	316,4	11/2004	350,0
12/1984	196,6	12/1988	227,7	12/1992	235,7	12/1996	304,0	12/2000	324,3	12/2004	368,2
01/1985	224,6	01/1989	232,9	01/1993	233,0	01/1997	306,2	01/2001	332,6	01/2005	362,7
02/1985	207,5	02/1989	228,7	02/1993	242,9	02/1997	291,8	02/2001	317,2	02/2005	361,3
03/1985	196,6	03/1989	218,4	03/1993	223,6	03/1997	279,2	03/2001	310,8	03/2005	329,6
04/1985	182,1	04/1989	215,7	04/1993	210,4	04/1997	279,8	04/2001	308,5	04/2005	323,2
05/1985	175,4	05/1989	203,3	05/1993	205,3	05/1997	266,4	05/2001	290,0	05/2005	317,9
06/1985	177,2	06/1989	205,8	06/1993	199,8	06/1997	267,0	06/2001	296,3	06/2005	320,3
07/1985	172,3	07/1989	197,0	07/1993	203,0	07/1997	263,1	07/2001	291,5	07/2005	323,5
08/1985	157,9	08/1989	179,2	08/1993	190,7	08/1997	243,6	08/2001	242,8	08/2005	290,4
09/1985	180,2	09/1989	203,3	09/1993	213,2	09/1997	266,3	09/2001	296,6	09/2005	322,8
10/1985	184,2	10/1989	207,4	10/1993	224,1	10/1997	283,6	10/2001	300,3	10/2005	333,7
11/1985	209,8	11/1989	225,3	11/1993	228,4	11/1997	293,9	11/2001	329,5	11/2005	354,0
12/1985	205,2	12/1989	223,3	12/1993	245,6	12/1997	316,0	12/2001	343,4	12/2005	376,1
01/1986	206,1	01/1990	233,5	01/1994	254,4	01/1998	313,9	01/2002	336,2	01/2006	376,4
02/1986	215,1	02/1990	214,3	02/1994	243,5	02/1998	294,4	02/2002	323,8	02/2006	368,7
03/1986	192,7	03/1990	209,7	03/1994	223,9	03/1998	294,1	03/2002	305,0	03/2006	359,5
04/1986	192,8	04/1990	219,6	04/1994	227,3	04/1998	292,0	04/2002	306,1	04/2006	327,7
05/1986	182,6	05/1990	204,4	05/1994	215,2	05/1998	265,4	05/2002	290,7	05/2006	325,5
06/1986	182,3	06/1990	207,5	06/1994	213,6	06/1998	271,0	06/2002	305,0	06/2006	334,2
07/1986	176,7	07/1990	204,8	07/1994	212,8	07/1998	267,8	07/2002	292,7	07/2006	336,4
08/1986	161,7	08/1990	164,0	08/1994	193,8	08/1998	252,0	08/2002	268,0	08/2006	293,0
09/1986	190,8	09/1990	209,8	09/1994	221,1	09/1998	280,0	09/2002	294,5	09/2006	329,0
10/1986	185,3	10/1990	210,8	10/1994	223,8	10/1998	289,3	10/2002	303,8	10/2006	335,8
11/1986	199,2	11/1990	226,6	11/1994	227,9	11/1998	308,9	11/2002	327,3	11/2006	341,3
12/1986	207,6	12/1990	249,4	12/1994	243,9	12/1998	311,5	12/2002	344,4	12/2006	374,5

¹ Including Denmark from 01/1990, German total values from 09/1995 on, the former CENTREL countries CZ, HU, PL, SK from 10/1995 and RO, BG from 1/2003 on.

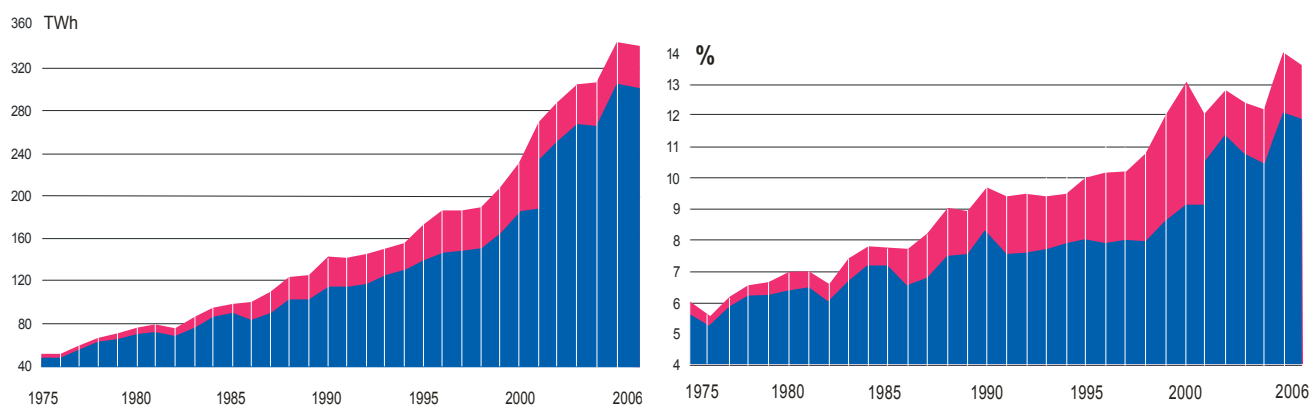


Exporting countries	Importing countries																									Sum export	
	AT	BA	BE	BG	CH	CS	CZ	DE	ES	FR	GR	HR	HU	IT	LU	MK	NL	PL	PT	RO	SI	SK	DK_W	UA_W	Other ¹		
AT	-	-	-	-	7304	-	23	5842	-	-	-	-	465	1415	-	-	-	-	-	-	833	-	-	-	-	15882	
BA	-	-	-	-	-	1476	-	-	-	-	-	3647	-	-	-	-	-	-	-	-	-	-	-	-	-	5123	
BE	-	-	-	-	-	-	-	-	1981	-	-	-	-	-	1697	-	5019	-	-	-	-	-	-	-	-	8697	
BG	-	-	-	-	-	2837	-	-	-	-	4468	-	-	-	-	860	-	-	-	710	-	-	-	-	0	8875	
CH	82	-	-	-	-	-	-	2917	-	2156	-	-	-	23885	-	-	-	-	-	-	-	-	-	-	-	29040	
CS	-	2341	-	-	0	-	-	-	-	-	-	3005	53	-	2126	-	-	-	-	3	-	-	-	-	261	7789	
CZ	6139	-	-	-	-	-	-	12054	-	-	-	-	-	-	-	-	-	42	-	-	-	5857	-	-	-	24092	
DE	14799	-	-	-	13694	-	647	-	-	838	-	-	-	5134	-	22336	2548	-	-	-	-	-	2077	-	3839	65912	
ES	-	-	-	-	-	-	-	-	-	1479	-	-	-	-	-	-	-	-	8481	-	-	-	-	-	-	1899	
FR	-	-	10644	-	11322	-	-	16172	5910	-	-	-	-	14891	-	-	-	-	-	-	-	-	-	-	-	10929	69868
GR	-	-	-	0	-	-	-	-	-	-	-	-	945	-	12	-	-	-	-	-	-	-	-	-	-	979	1936
HR	-	674	-	-	-	31	-	-	-	-	-	-	1	-	-	-	-	-	-	-	6871	-	-	-	-	7577	
HU	1062	-	-	-	-	1520	-	-	-	-	-	5561	-	-	-	-	-	-	-	29	-	0	-	13	-	8185	
IT	3	-	-	-	422	-	-	-	-	726	455	-	-	-	-	-	-	-	-	-	12	-	-	-	-	1618	
LU	-	-	2482	-	-	-	-	804	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3286	
MK	-	-	-	0	-	0	-	-	-	-	1202	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1202	
NL	-	-	5603	-	-	-	-	283	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5886	
PL	-	-	-	-	-	-	10181	722	-	-	-	-	-	-	-	-	-	-	-	-	-	3374	-	-	1500	15777	
PT	-	-	-	-	-	-	-	-	3183	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3183	
RO	-	-	-	1138	-	3262	-	-	-	-	-	-	1437	-	-	-	-	-	-	-	-	-	-	-	47	0	5884
SI	1062	-	-	-	-	-	-	-	-	-	-	1036	-	5389	-	-	-	-	-	-	-	-	-	-	-	7487	
SK	-	-	-	-	-	-	612	-	-	-	-	-	8592	-	-	-	-	4	-	-	-	-	-	1717	-	10925	
DK_W	-	-	-	-	-	-	-	4223	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4067	8290	
UA_W	-	-	-	-	-	-	-	-	-	-	-	-	4851	-	-	-	-	-	-	893	-	94	-	-	-	5838	
Other ¹	-	-	-	0	-	613	-	3123	27	899	26	-	-	-	-	-	-	2177	-	0	-	-	1716	-	-	8581	
Sum imp	23147	3015	18729	1138	32742	9739	11463	46140	9120	8079	6151	13249	15399	46525	6831	2998	27355	4771	8481	1635	7716	9325	3793	1777	23474	342792	

Sum of physical energy flows between UCTE countries = 296822 GWh Total physical energy flows = 342792 GWh

Other¹: 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.



Year	Sum of electricity exchanges within the UCTE		Sum of electricity exchanges with CENTREL		Volume of exchanges with third countries ¹		Total exchanges	
	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	² 137,4	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	³ 235,5	10,5			33,7	1,8	269,2	12,4
2002	250,9	11,1			36,9	1,6	287,8	12,7
2003	⁴ 263,8	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

¹ Import + export³ From year 2001 on sum of exchanges including CZ, HU, PL SK² As of September 1995 total German values⁴ From year 2003 on sum of exchanges including RO and BG

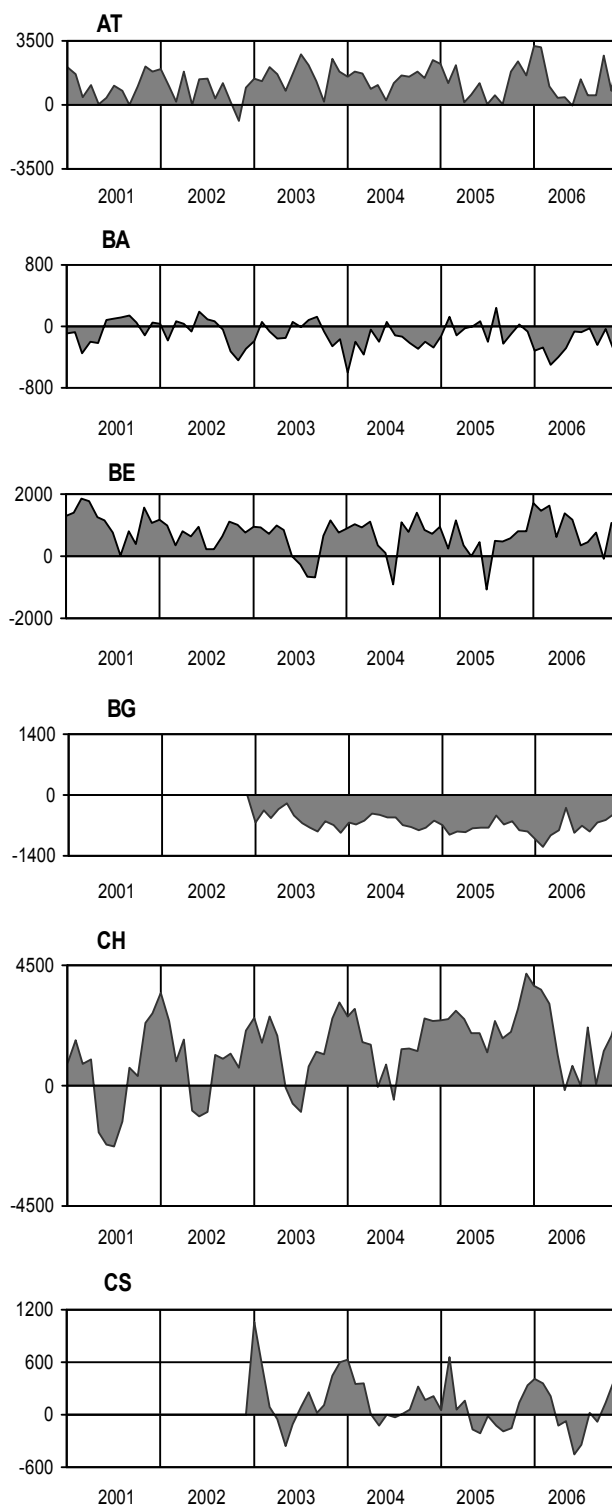
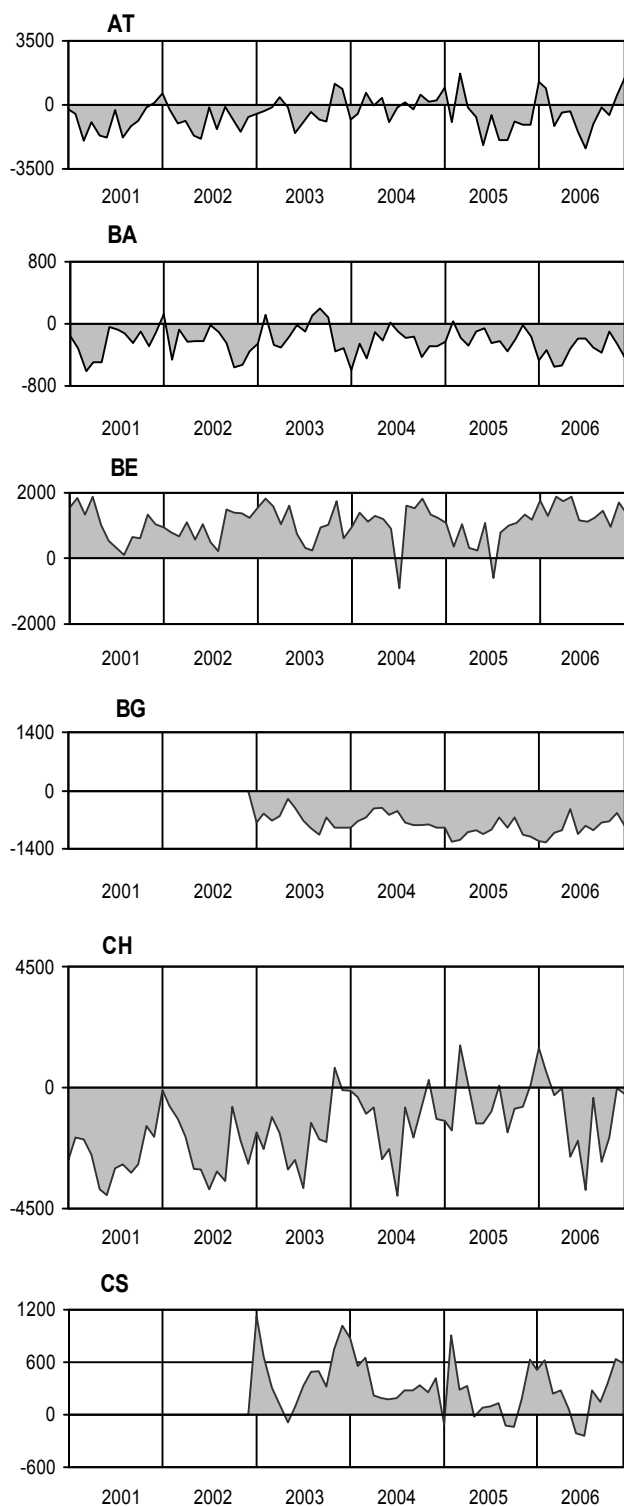
Control area	Export Programs	Import Programs	Export Programs at 03:00	Import Programs at 03:00	Export Programs at 11:00	Import Programs at 11:00
AT	7564798	11339182	16466	10054	14688	11560
BA	3392527	1227270	4379	1598	5128	1229
BE	6620940	15870796	8151	18536	9835	25647
BG	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
CH	25866235	29671427	24728	45415	49671	37950
CS	5078756	7011096	5994	7575	7586	10905
CZ	20315775	7175766	27974	10017	30472	11498
DE	40986003	27089748	52754	36026	46811	51202
ES	11047598	8830940	19659	12432	16019	11424
FR	89859283	27978211	120167	37613	119717	39393
GR	1109008	5317206	1195	7956	2191	6926
HR	1836199	7702508	3160	10923	3370	11838
HU	6047863	13262453	9383	15055	8218	20510
IT	1628115	46511347	4281	51774	1189	70254
MK	226354	1990548	883	2409	774	3474
NL	4191534	25691070	8071	30911	3750	36063
PL	12051646	1369808	17017	1501	19030	2984
PT	2282748	7730386	396	14958	5334	10022
RO	5680161	1415639	5202	2147	10367	1902
SI	6844783	7080205	9308	9709	10156	9405
SK	7421336	5096638	9735	5135	10322	9201
DK_W	3710210	7922497	5873	10964	6684	11676
UA_W	3980538	0	5197	0	6046	0

- 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 (MWh).
- This values are not the provisional values entered in the VULCANUS system, but the definitive values after an eventual correction during the actual date.
- Export Programs: Sum of all positive values of every hour of every border
- Import Programs: Sum of all negative values of every hour of every border
- Export Programs at 03:00: Sum of all positive values the third Wednesday from 02:00 to 03:00 a.m.
- Import Programs at 03:00: Sum of all negative values the third Wednesday from 02:00 to 03:00 a.m.
- Export Programs at 11:00: Sum of all positive values the third Wednesday from 10:00 to 11:00 a.m.
- Import Programs at 11:00: Sum of all negative values the third Wednesday from 10:00 to 11:00 a.m.

11:00

Day load in MW ¹

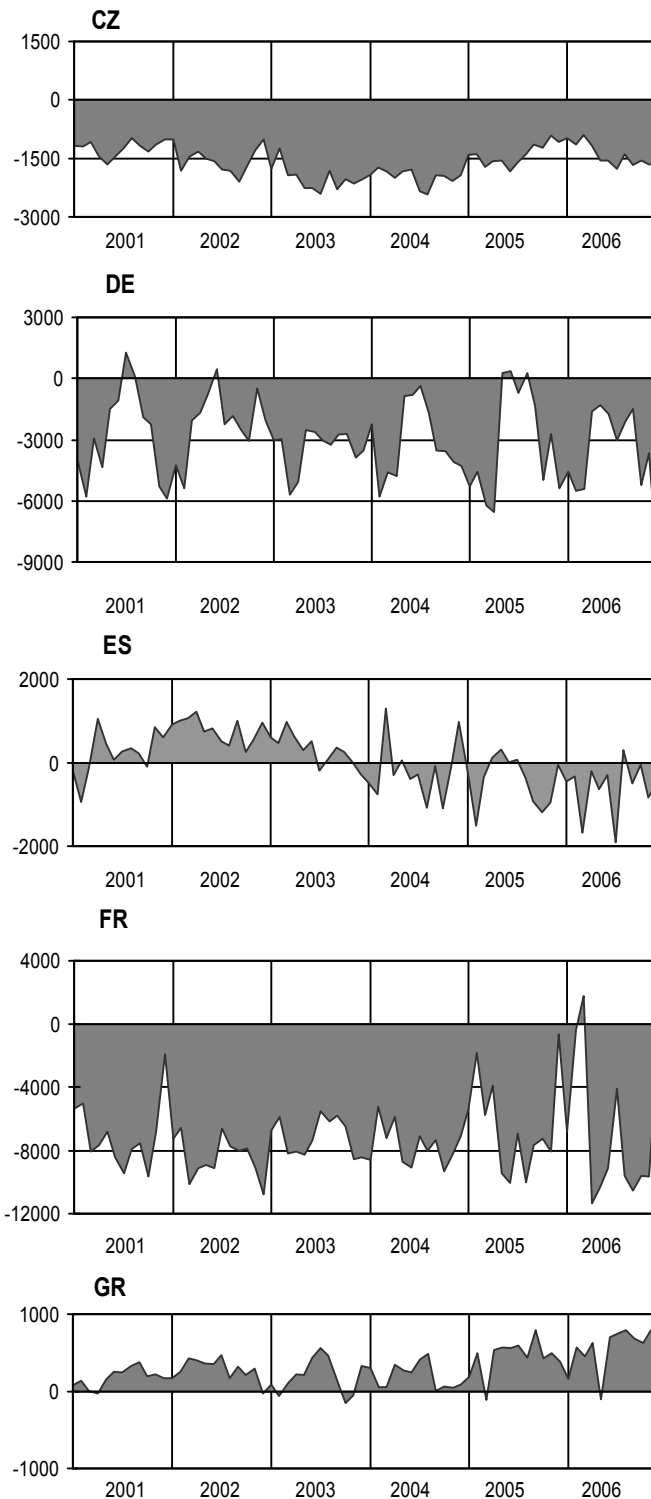
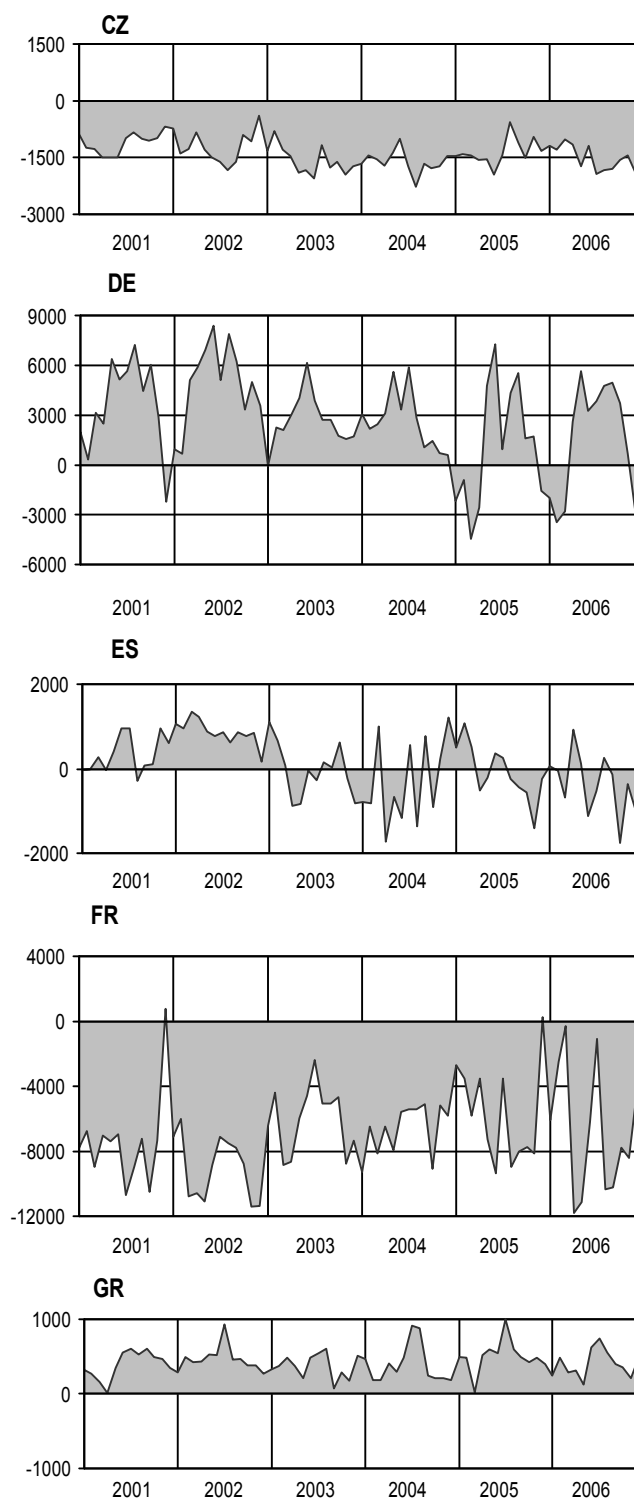
03:00

Night load in MW ¹¹ Balance of import-export on the 3rd Wednesday of each month

11:00

Day load in MW ¹

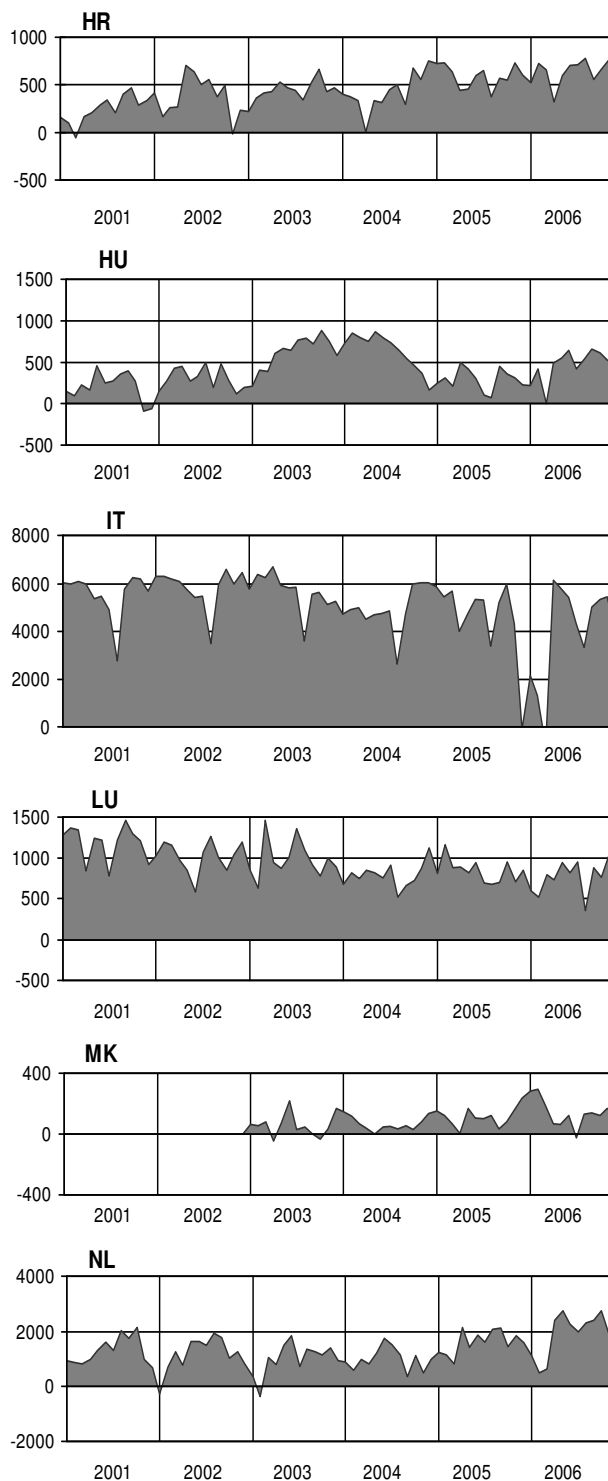
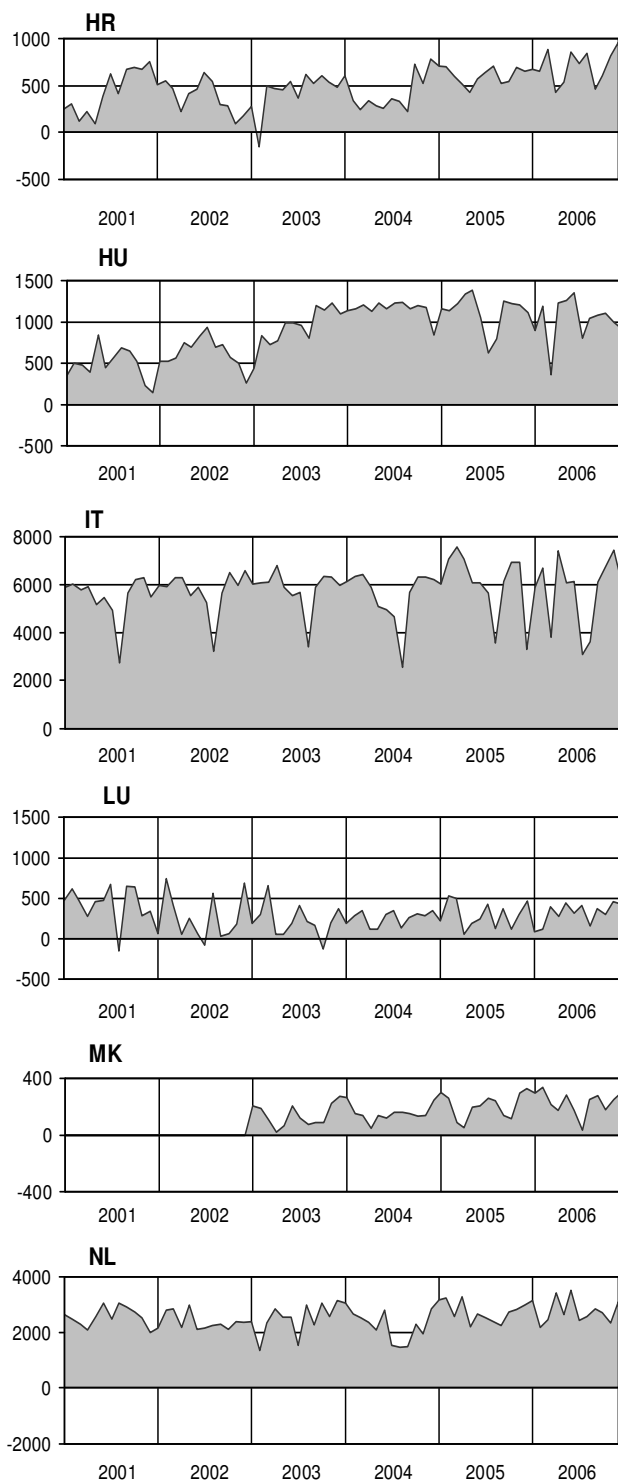
03:00

Night load in MW ¹¹ Balance of import-export on the 3rd Wednesday of each month

11:00

Day load in MW ¹

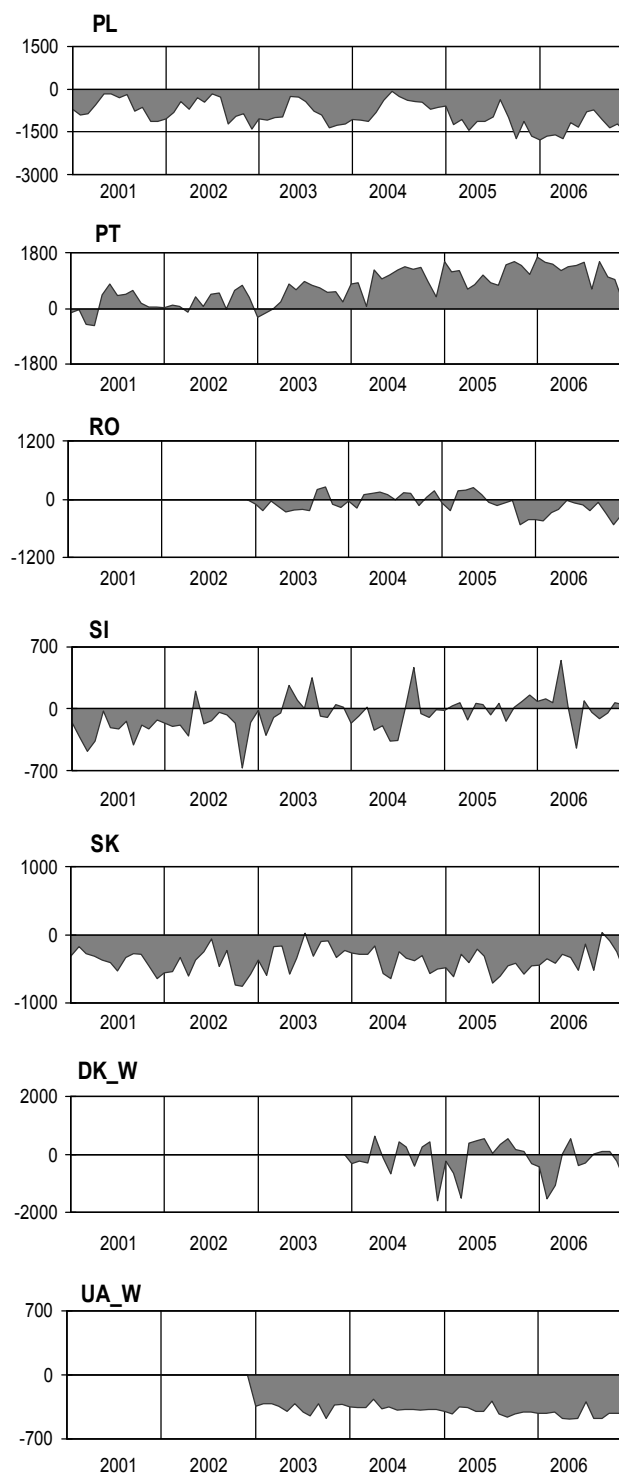
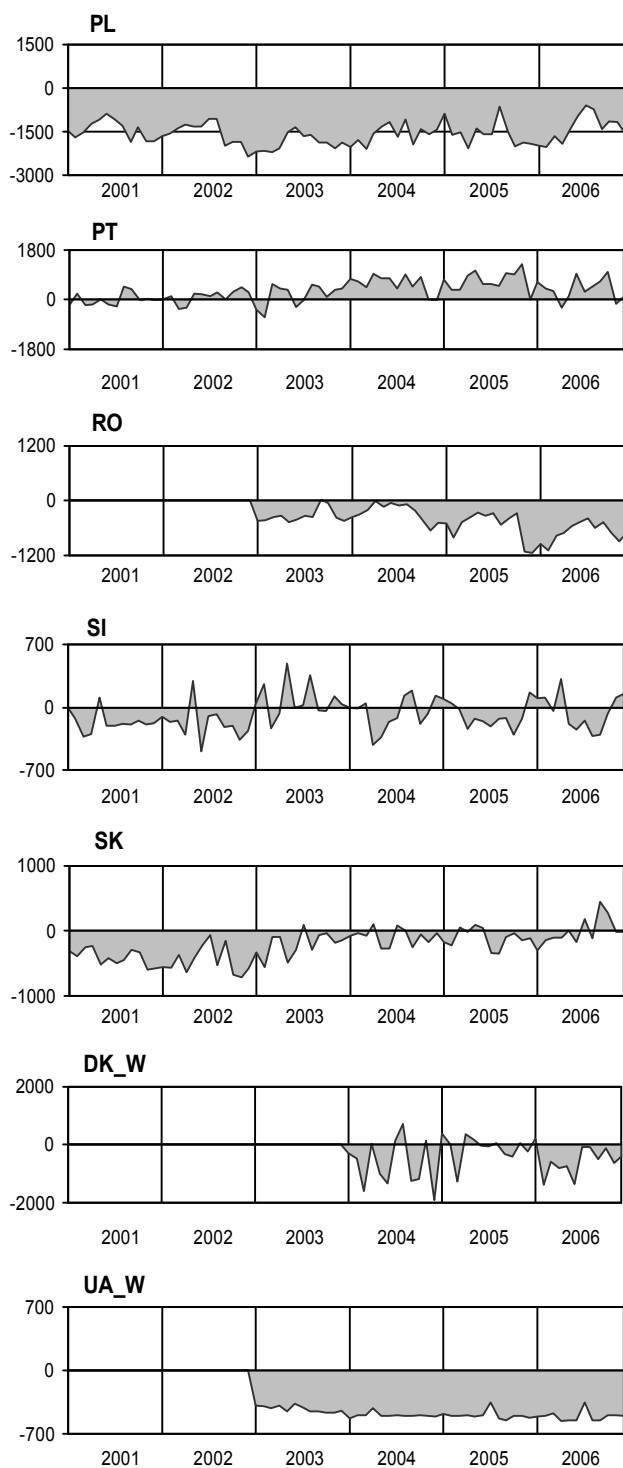
03:00

Night load in MW ¹¹ Balance of import-export on the 3rd Wednesday of each month

11:00

Day load in MW ¹

03:00

Night load in MW ¹¹ Balance of import-export on the 3rd Wednesday of each month

Date	Night	Day	Date	Night	Day
I.2001	22485	21506	I.2004	29256	34182
II.2001	24270	21701	II.2004	29916	32890
III.2001	22606	22523	III.2004	28158	31485
IV.2001	22826	22771	IV.2004	26784	29284
V.2001	18931	22471	V.2004	25067	29647
VI.2001 ²	22937	28497	VI.2004	24757	26479
VII.2001	22396	29460	VII.2004	26091	29950
VIII.2001	19764	26445	VIII.2004	23333	26840
IX.2001	27418	28283	IX.2004	28708	30714
X.2001	27983	29375	X.2004	30693	33706
XI.2001	32435	30251	XI.2004	32489	33415
XII.2001	32609	28430	XII.2004	36858	32395
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	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

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 countries CZ, HU, PL and SK.

³ From year 2003 on the power flows include RO and BG.

Maximum output capacity on 31 December 2006, 2005 and 2001 in MW

Country	Thermal nuclear			Thermal conventional			Hydropower			Other sources ²			Total			Representativity ¹		
	2006	2005	2001	2006	2005	2001	2006	2005	2001	2006	2005	2001	2006	2005	2001	2006	2005	2001
AT	-	-	-	6254	5900	5620	11811	11700	11700	849	670	80	18914	18270	16860	100	100	91
BA	-	-	-	1957	1957	1790	2064	2064	2052	-	-	-	4021	4021	3842	100	99	99
BE	5802	5802	5738	8165	8175	8248	1410	1410	1403	746	667	262	16123	16054	15651	100	100	99
BG	2000	2880	n.a.	5390	5410	n.a.	2704	2700	n.a.	8	1	n.a.	10102	10991	n.a.	100	100	n.a.
CH	3220	3220	3200	340	335	295	13355	13355	13285	525	520	530	17440	17430	17310	100	100	100
CS	-	-	n.a.	6400	6400	n.a.	3497	3497	n.a.	-	-	n.a.	9897	9897	n.a.	100	100	n.a.
CZ	3537	3537	1637	10585	10558	10628	2175	2165	2125	77	43	-	16374	16303	14390	100	100	100
DE	20300	20200	20700	70400	70400	67300	9100	9100	8300	24500	19600	8000	124300	119300	104300	90	90	90
ES	7458	7600	7574	38064	34669	24593	18905	18839	17887	12446	10902	3619	76873	72010	53673	100	100	100
FR	63260	63260	63183	24837	25331	23503	25457	25398	24094	2403	1554	255	115957	115543	111035	100	100	97
GR ³	-	-	-	8097	7601	6300	3133	3108	3090	587	595	155	11817	11304	9545	100	100	89
HR	-	-	-	1691	1691	1631	2079	2079	2075	10	5	-	3780	3775	3706	100	100	100
HU	1755	1755	1772	5253	5202	5608	46	46	46	1117	1077	398	8171	8080	7824	100	100	100
IT	-	-	-	66200	62164	54570	21070	20993	20433	2536	2313	1207	89806	85470	76210	100	100	100
LU	-	-	-	487	481	460	1128	1128	1128	69	67	20	1684	1676	1608	100	100	99
MK	-	-	n.a.	907	1010	n.a.	503	517	n.a.	-	-	n.a.	1410	1527	n.a.	100	100	n.a.
NL	485	449	449	19294	19457	17342	37	37	37	2331	2034	1576	22147	21977	19404	100	100	100
PL	-	-	-	29810	29724	31189	2324	2245	2185	168	108	13	32302	32077	33387	100	100	100
PT	-	-	-	6681	6561	5095	4948	4915	4430	1988	1353	271	13617	12829	9796	97	96	91
RO	655	655	n.a.	9029	9173	n.a.	5817	5819	n.a.	-	-	n.a.	15501	15647	n.a.	100	100	n.a.
SI	696	670	1241	1260	1262	670	873	872	778	-	-	-	2829	2804	2689	100	100	100
SK	2640	2640	2640	2270	2270	2294	2429	2429	2427	701	699	696	8040	8038	8057	100	100	100
UCTE	111808	112668	108134	323371	315731	273889	134865	134416	120828	51061	42208	17082	621105	605023	519933			
DK_W	-	-	n.a.	5156	5133	n.a.	10	10	n.a.	2391	2392	n.a.	7556	7534	n.a.	100	100	n.a.
UA_W	-	-	n.a.	1501	2347	n.a.	27	27	n.a.	-	-	n.a.	1528	2374	n.a.	100	100	n.a.

¹ 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.)

² Values of other sources are the sum of other renewable and not clearly identifiable sources.

³ The values for Greece refer to the interconnected system and not to the whole country.

UCTE System Adequacy Retrospect 2006, Power Data
Net values at the reference time 11:00 a.m. on the 3rd Wednesday of each month (Data published on 18 July 2007)

Values in GW

T8a

	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
National generating capacity												
1. Hydro power capacity	134,6	134,6	134,6	134,6	134,6	134,6	134,7	134,7	134,6	134,7	134,7	134,8
2. Nuclear power capacity	112,6	112,6	112,6	112,6	112,4	112,7	112,4	112,4	112,4	112,4	112,4	112,4
3. Fossil fuel power capacity including	321,4	322,1	322,9	322,9	323,2	324,2	326,0	326,5	326,5	326,9	326,8	327,0
- Lignite sources	62,7	62,7	62,7	62,7	62,7	62,7	62,7	62,8	62,8	62,8	62,8	62,8
- Hard coal sources	78,1	77,6	77,6	77,6	77,6	77,6	77,6	77,7	77,8	77,8	77,8	77,8
- Gas sources	72,1	73,4	74,1	74,1	74,6	75,5	77,2	77,5	77,5	77,9	77,9	77,9
- Oil sources	31,9	31,9	31,9	31,9	31,9	31,9	31,9	31,9	31,9	31,9	31,9	31,8
- Mixed sources	34,3	34,3	34,3	34,3	34,3	34,3	34,3	34,3	34,2	34,2	34,2	34,0
- Non attributable sources	42,3	42,3	42,3	42,3	42,1	42,1	42,2	42,2	42,2	42,2	42,2	42,7
4. Renewable energy sources capacity	41,3	42,2	42,9	43,7	44,1	44,9	45,6	46,2	46,8	47,4	48,3	49,2
- including wind farms	34,1	34,8	35,2	35,8	36,0	36,4	36,8	37,1	37,4	37,8	38,4	39,0
5. Not clearly identifiable energy sources capacity	1,5	1,4	1,5	1,5	1,5	1,5	1,5	1,5	1,6	1,6	1,6	1,6
6. Net generating capacity (6 = 1+2+3+4+5)	611,3	612,9	614,4	615,3	615,8	617,7	620,3	621,4	622,1	623,0	623,8	625,1
7. Non-usable capacity	106,2	105,3	104,4	112,8	111,9	118,3	132,5	125,6	125,1	116,6	113,2	107,8
8. Overhauls (thermal power stations)	10,4	15,7	30,3	39,0	56,6	47,8	45,8	50,8	48,4	40,3	28,5	13,7
9. Outages (thermal power stations)	14,7	18,0	19,2	18,3	16,8	17,2	17,0	17,6	15,4	17,0	14,3	19,2
10. System services reserve	29,9	29,9	27,7	30,4	27,4	26,4	27,4	29,8	28,8	30,1	30,2	29,3
11. Reliably available capacity (11 = 6-(7+8+9+10))	450,1	444,0	432,8	414,8	403,0	407,9	397,6	397,5	404,3	419,0	437,6	455,2
12. Load	369,5	365,4	352,4	317,4	310,1	324,8	325,5	274,3	314,4	325,2	334,8	368,1
13. Margin against monthly peak load	34,3	28,6	24,8	26,8	21,1	17,4	19,6	59,0	29,2	23,1	40,9	30,4
14. Remaining capacity without exchanges (14 = 11-12)	80,6	78,7	80,4	97,4	92,9	83,1	72,1	123,2	89,9	93,8	102,7	87,0
Physical exchanges												
15. Physical imports	41,8	42,6	36,8	39,3	35,8	36,1	32,0	31,8	33,9	37,2	40,9	40,5
16. Physical exports	39,7	39,9	37,4	39,5	38,4	35,1	31,9	33,8	34,0	36,5	39,0	38,1
17. Physical exchange balance	2,1	2,7	- 0,6	- 0,2	- 2,6	1,0	0,1	- 2,0	- 0,0	0,7	1,8	2,4

T8b	UCTE System Adequacy Retrospect 2006, Energy Data (Data published on 18 July 2007)																							Values in TWh	
	AT	BA	BE	BG	CH	CS	CZ	DE	ES	FR	GR	HR	HU	IT	LU	MK	NL	PL	PT	RO	SI	SK	UCTE	UA_W	
Generation																									
1. Hydro power	32,5	5,9	1,6	4,5	32,6	12,5	3,2	27,5	29,2	60,9	6,4	6,1	0,2	42,4	0,9	1,6	0,1	2,8	11,2	18,0	3,1	4,4	307,8	0,1	
2. Nuclear power	-	-	44,3	18,1	26,2	-	24,5	158,7	57,4	428,7	-	-	12,7	-	-	-	3,3	-	-	5,2	5,3	16,6	801,0	-	
3. Fossil fuel power including	16,2	7,5	32,6	18,9	2,3	28,8	49,9	359,8	149,3	54,0	42,7	5,4	18,7	250,9	3,2	4,9	84,0	145,7	28,4	34,2	4,7	5,4	1355,8	8,3	
- lignite sources	-	7,5	-	10,6	-	28,8	39,2	139,7	20,2	-	29,2	-	5,0	-	-	4,9	-	49,2	-	18,9	-	1,7	354,9	-	
- hard coal sources	-	-	1,4	6,4	-	-	6,0	-	42,2	21,6	-	2,0	1,7	39,4	-	-	-	92,4	14,1	3,6	4,7	2,2	237,8	-	
- gas sources	-	-	21,1	-	-	-	3,7	-	80,2	13,9	10,2	0,3	10,3	126,0	3,2	-	-	4,1	9,8	10,3	0,0	1,2	294,3	-	
- oil sources	-	-	0,1	-	-	-	0,2	-	6,5	7,8	3,3	0,8	0,0	33,3	-	-	-	-	1,4	1,3	-	-	54,8	-	
- mixed sources	-	-	8,8	1,9	-	-	-	-	-	-	-	2,3	1,8	33,5	-	-	-	-	0,2	-	-	-	48,5	-	
- non attributable sources	16,2	-	1,1	-	2,3	-	0,7	220,1	0,3	10,6	0,0	-	-	18,5	-	-	84,0	-	2,9	0,1	-	0,3	365,5	8,3	
4. Renewable energy sources including wind farms																									
	-	-	2,9	-	1,1	-	0,2	50,1	26,1	5,5	1,3	0,1	1,2	8,4	0,1	-	7,4	0,3	4,8	0,0	-	9,0	109,5	-	
	-	-	0,3	-	0,0	-	0,0	30,5	22,2	2,2	1,2	0,1	0,0	3,2	0,1	-	2,7	0,2	2,9	0,0	-	6,0	62,6	-	
5. Not clearly identified energy sources																									
	6,8	-	-	-	-	-	-	-	-	-	-	-	0,7	-	-	-	-	-	-	-	-	2,6	10,1	-	
6. Net generated energy																									
	55,5	13,3	81,4	41,5	62,1	41,3	77,8	596,1	262,0	549,1	50,4	11,6	33,4	301,7	4,2	6,6	94,8	148,9	44,4	57,4	13,1	29,0	2584,1	8,4	
7. Physical exchanges balance																									
	6,8	-2,2	10,2	-7,7	2,7	1,9	-12,6	-20,0	-3,3	-63,3	4,2	5,7	7,2	44,7	3,6	1,8	21,5	-11,0	5,4	-4,2	-0,2	-1,6	-14,2	4,1	
7a.Physical imports	21,1	3,0	18,9	1,1	48,8	9,7	11,5	46,0	9,1	8,3	6,1	8,4	15,3	46,5	6,8	3,0	27,3	4,8	8,6	1,6	7,7	9,3	324,5	1,8	
7b.Physical exports	14,4	5,2	8,7	8,9	46,1	7,8	24,1	66,0	12,4	71,5	1,9	2,7	8,1	1,6	3,3	1,2	5,9	15,8	3,2	5,9	7,5	10,9	338,8	5,8	
8. Pumped storage energy	3,3	-	1,7	0,5	2,7	0,8	0,9	9,1	5,5	7,4	0,6	0,2	-	8,6	1,1	-	-	1,4	0,7	0,2	-	0,2	45,0	-	
9. Consumption																									
	58,9	11,1	89,9	33,3	62,1	42,4	64,2	567,0	253,2	478,4	54,0	17,1	40,6	337,8	6,6	8,4	116,2	136,5	49,2	53,3	13,4	27,2	2525,2	4,3	

LEGEND

750 kV
380/400 kV
220 kV
150/110 kV

LAUFENBURG

15

Substation

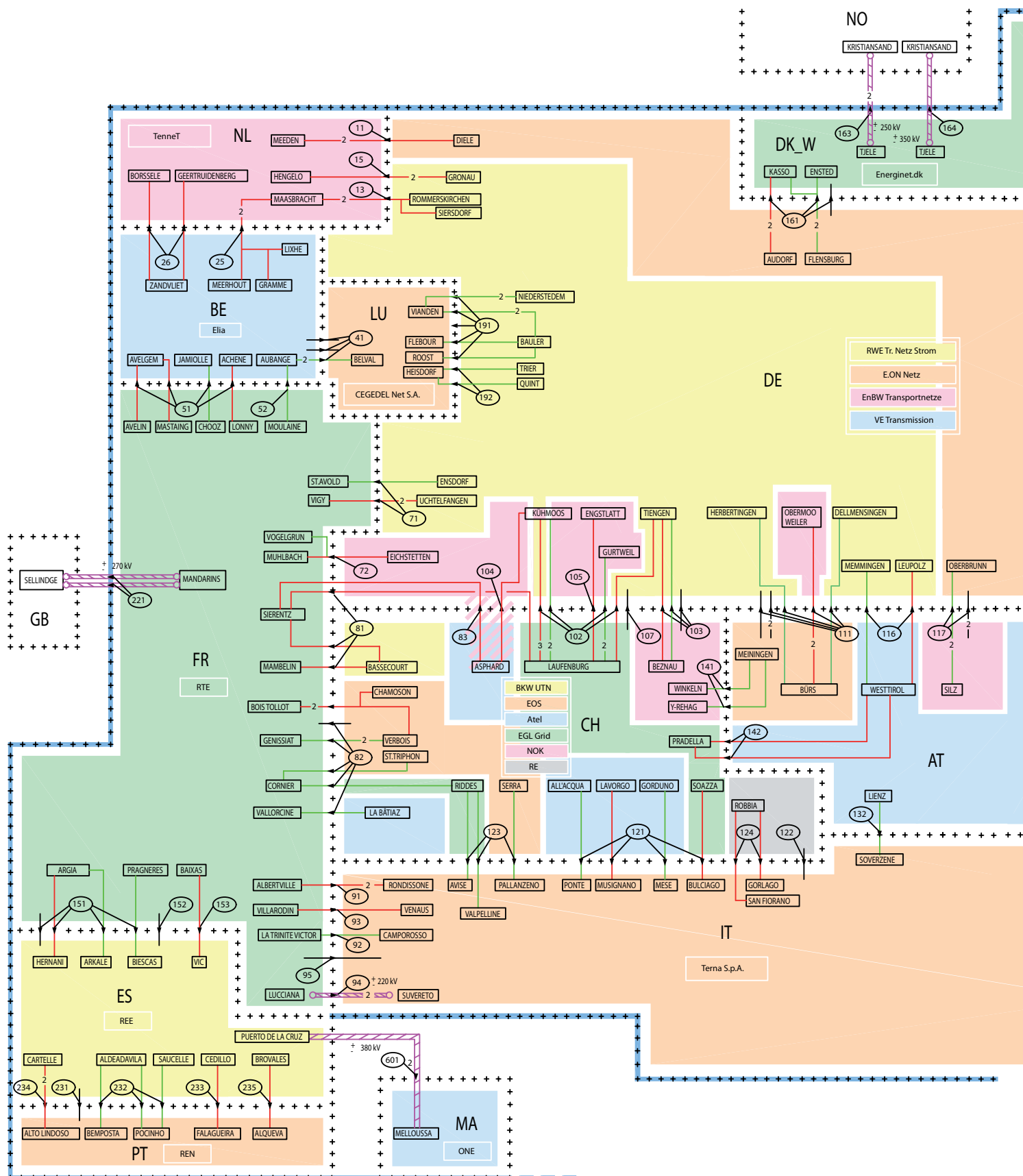
Frontier point

Direct current line

UCTE synchronous zone

Direct current line

UCTE synchronous zone



LEGEND

750 kV
380/400 kV
220 kV
150/110 kV

LAUFENBURG

Substation

15

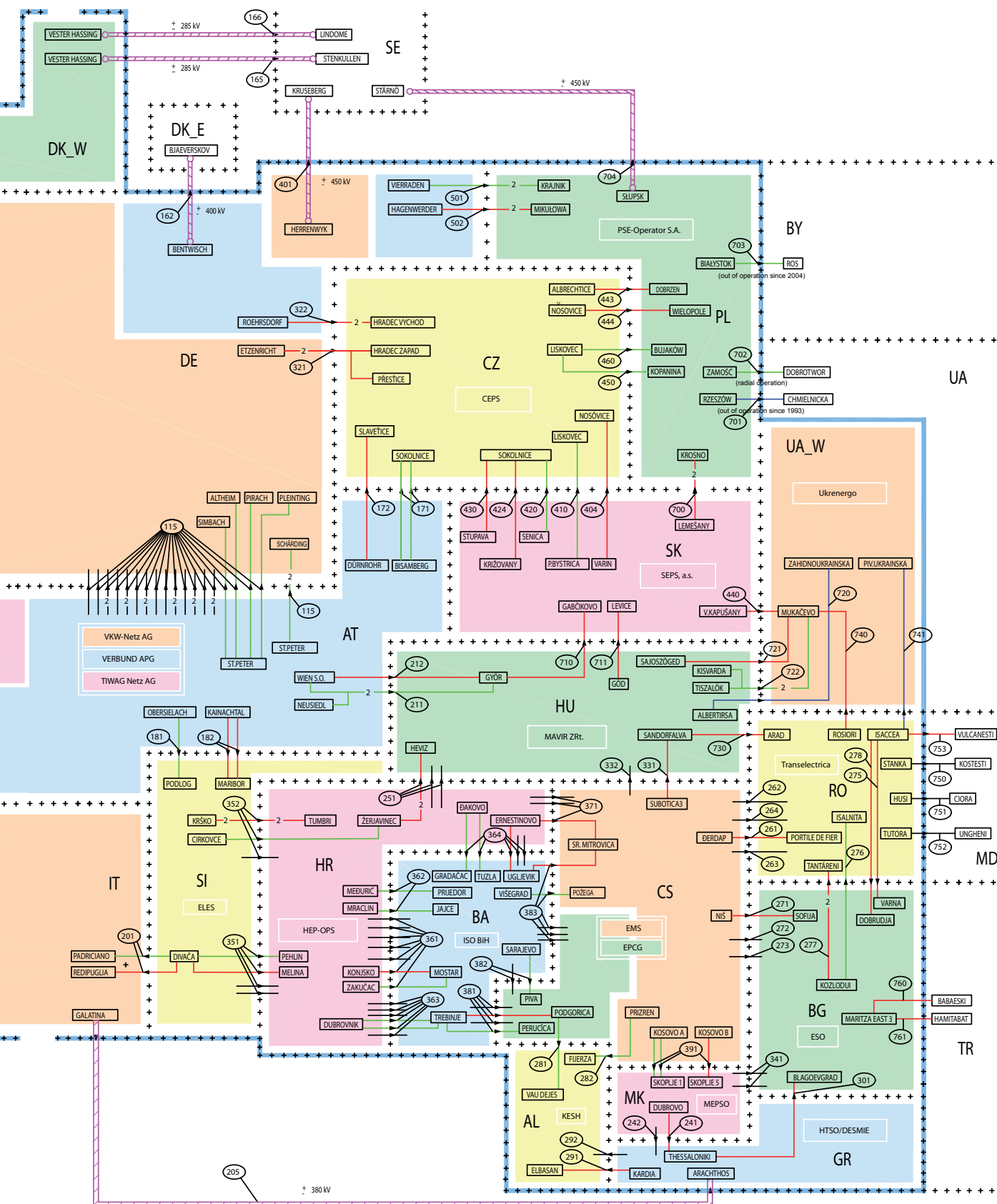
Frontier point

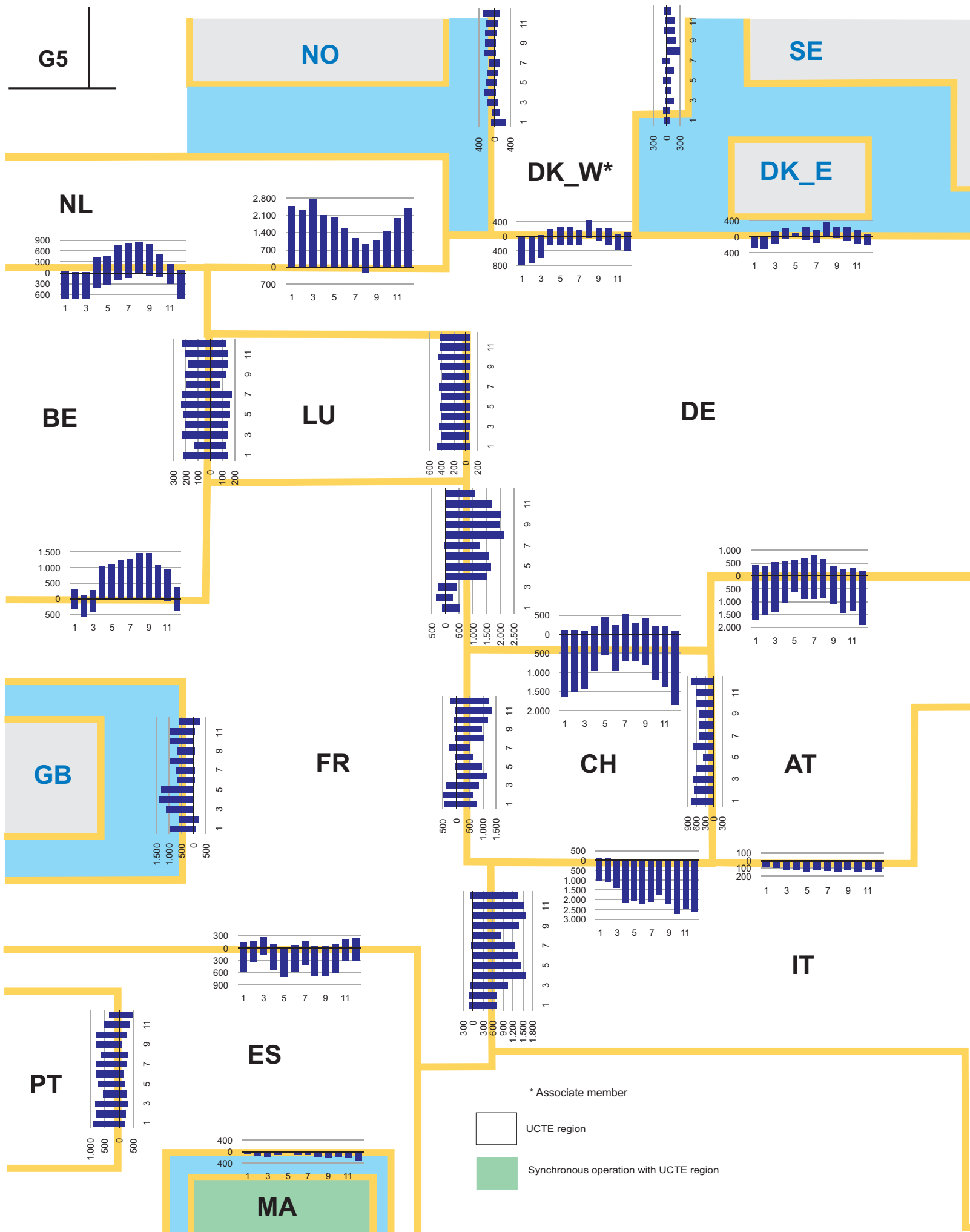
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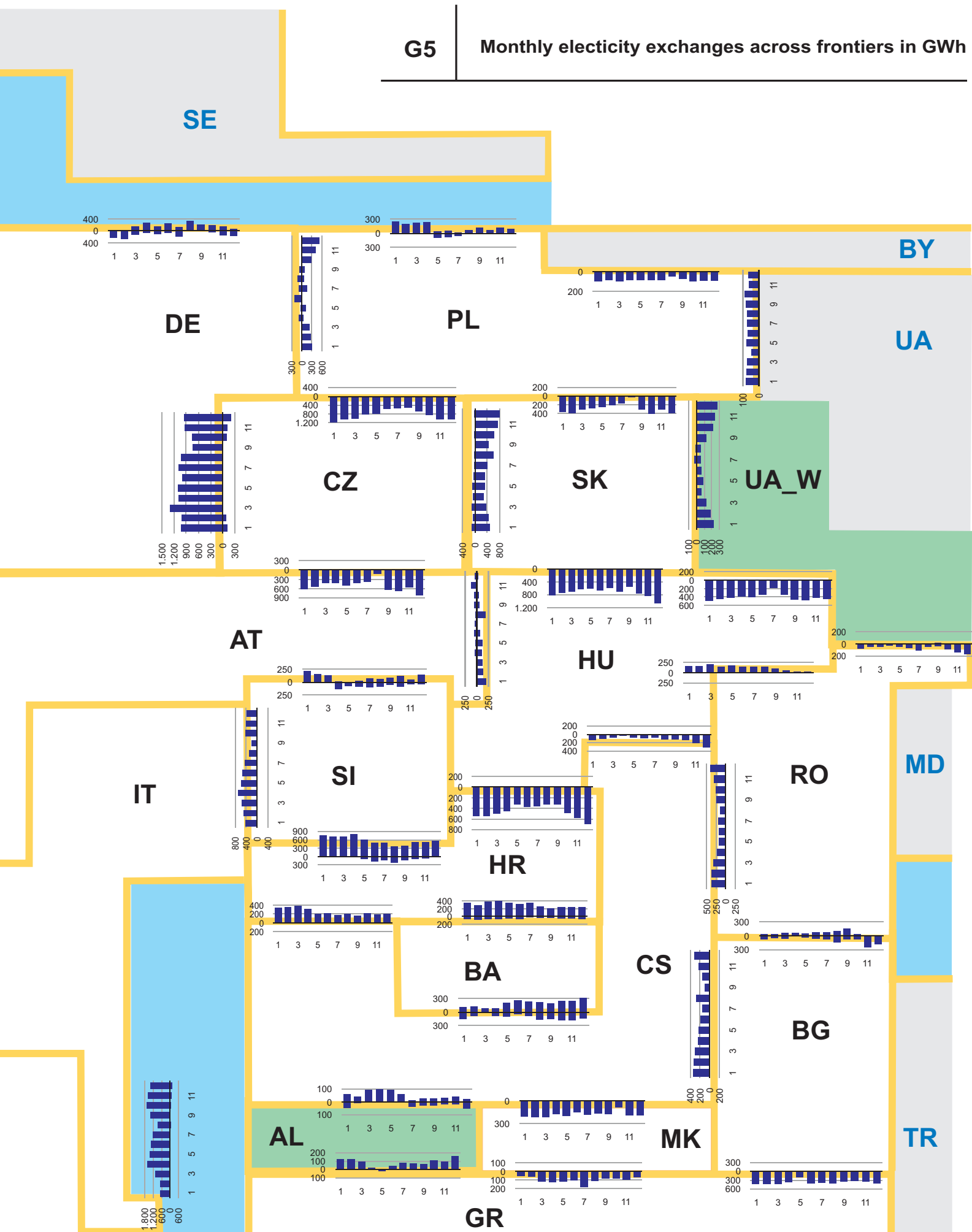
Direct current line

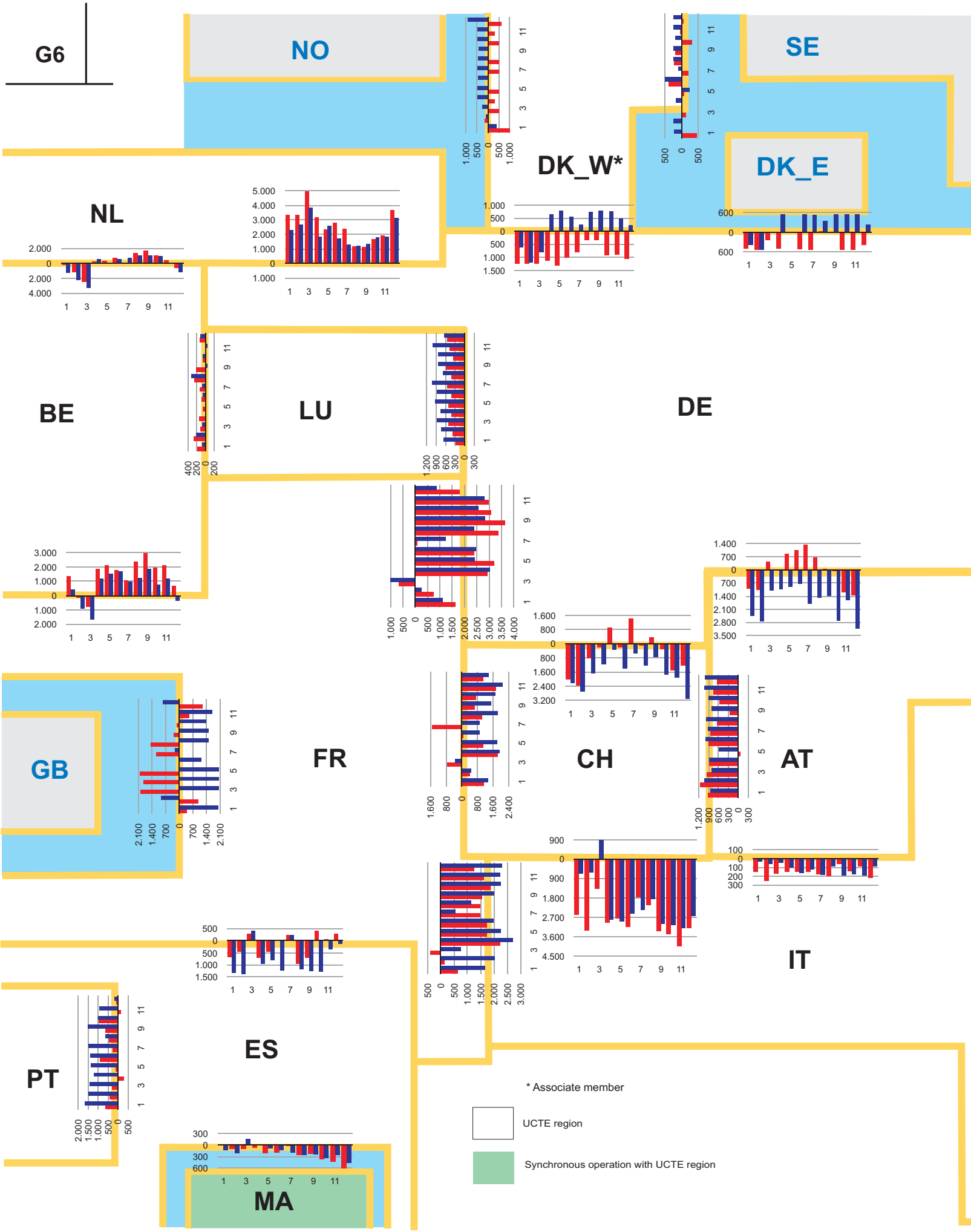
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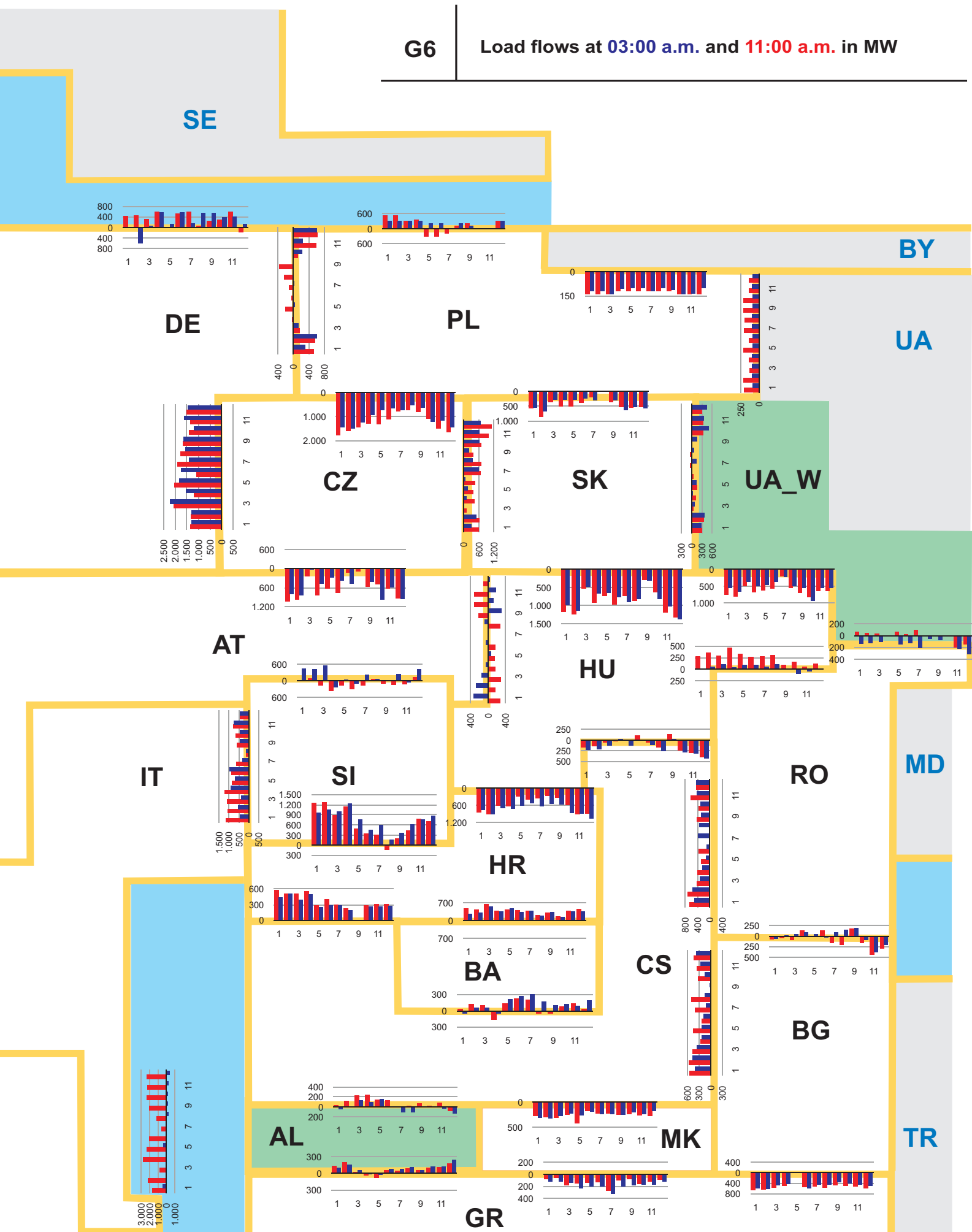
UCTE synchronous zone











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 partially 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 Laufembourg-Engstlatt line (No. 105.1)
[16]	Transducer
[17]	Transducer
[18]	On the same tower as line No. 81 Laufenburg-Sierentz 380 kV
[19]	Transducer
[20]	From Kühmoos to Laufenburg on the same tower
[21]	Disconnecter
[22]	Limited by measuring transducer at Laufenburg
[23]	From Kühmoos to Laufenburg on the same tower
[24]	On the same tower as line Sierentz-Laufenburg
[25]	Limited by switching devices in Austria
[26]	Disconnected till approx. 2010; afterwards line will be dismantled
[27]	Cable at Braunau
[28]	Cable at Braunau

T 9	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		
	Circuit ID (Frontier point.Line.Circuit)	Country	Name	Operated by	Country	Name	Operated by	Forecast	Present	Forecast	Present	at	Voltage	Transmission capacity	
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	Jamiolle	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-Avoid	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	BKW	FR	Sierentz	RTE		380		1186					
81.2.1	CH	Laufenburg	EGL Grid	FR	Sierentz	RTE		380		1167					
81.3.1	CH	Bassecourt	BKW	FR	Mambelin	RTE		380		1046					
82.1.1	CH	Verbois	EOS	FR	Bois-Tollot	RTE		380		1211	800	220 [6]			
82.1.2	CH	Chamoson	EOS	FR	Bois-Tollot	RTE		380		1409	600				
82.2.1	CH	Verbois	EOS	FR	Génissiat	RTE		220		315				11 [7]	
82.2.2	CH	Verbois	EOS	FR	Génissiat	RTE		220		315				11 [8]	
82.3.1	CH	Verbois	EOS	FR	Chancy-Pougny	SFRM C-P		130		52	42			11 [9]	
82.4.1	CH	La Bâtiаз	Atel	FR	Vallorcine	RTE		220		266					
82.5.1	CH	Riddes	EGL Grid	FR	Cornier	RTE		220		275					
82.6.1	CH	St-Triphon	EOS	FR	Cornier	RTE		220		275					
83.1.1 [10]	CH/DE	Asphard	Atel/NOK /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		469	457 [19]	220			
102.3.1 [20]	CH	Laufenburg	EGL Grid	DE	Kühmoos	EnBW Transportnetze	380	220		469	476 [21]	220			
102.3.2	CH	Laufenburg	EGL Grid	DE	Kühmoos	EnBW Transportnetze		380		1620	1580				
102.4.1	CH	Laufenburg	EGL Grid	DE	Kühmoos	EnBW Transportnetze		380		1620	1580				
102.4.2	CH	Laufenburg	EGL Grid	DE	Kühmoos	RWE Transportnetz Strom		380		1620	1265 [22]				
102.5.1 [23]	CH	Laufenburg	EGL Grid	DE	Tiengen	RWE Transportnetz Strom		380		1131					
103.1.1	CH	Beznau	NOK	DE	Tiengen	RWE Transportnetz Strom		380		1158					
103.1.2	CH	Beznau	NOK	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 [24]	CH	Asphard	Atel/NOK	DE	Kühmoos	EnBW Transportnetze		380		1340					
105.1.1	CH	Laufenburg	EGL Grid	DE	Engstlatt	EnBW Transportnetze		380		1580					
107.1.1	CH	Laufenburg 220kV	EGL Grid	DE	Laufenburg 110 kV	ED		110		200					
111.1.1	AT	Bürs	VIW	DE	Obermooweller	EnBW Transportnetze		380		1369					
111.1.2	AT	Bürs	VIW	DE	Obermooweller	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 [25]				
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 [26]			82 [27]		
115.2.1	AT	Braunau	ÖBK	DE	Stammham	E.ON Netz		110		102			82 [28]		
115.3.1	AT	Ranshofen	Verbund - APG	DE	Neuötting	E.ON Netz		110		90					
115.4.1	AT	Antiesenhofen	Verbund - APG	DE	Eggfling	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

[29]	Transducer at Ering
[30]	Transducer at Ering
[31]	Isolator in St. Peter
[32]	Isolator in St. Peter
[33]	Only Temporary line; from December 2006 till 2006; afterwards disconnected till approx.2010
[34]	No international interconnector
[35]	CFT blocker at St. Peter
[36]	No international interconnector
[37]	CFT blocker at St. Peter
[38]	Switching device at Oberbrunn
[39]	Switching device at Oberbrunn
[40]	Possible to lay a second circuit
[41]	Possible to lay a second circuit
[42]	New substation with 400kV near spanish frontier: replace Cantegrit
[43]	New substation with 225kV near Spanish frontier: replace Mouguerre
[44]	Limited by transformer in Enstedt
[45]	Limited by transformer in Kassø
[46]	Transducer at Kassø
[47]	Transducer at Kassø
[48]	Monopol
[49]	DC submarine and underground cable
[50]	DC submarine and underground cable
[51]	DC submarine and underground cable
[52]	Under water cable
[53]	Under water cable
[54]	Under water cable
[55]	Limited by high-frequency coil
[56]	Generator line in radial operation - interconnected operation impossible
[57]	Installed at Vianden
[58]	Generator line in radial operation - interconnected operation impossible
[59]	Installed at Vianden
[60]	Generator line in radial operation - interconnected operation impossible
[61]	Installed at Vianden

T 9	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		
	Circuit ID (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 [29]		
115.7.2	AT	St. Peter	Verbund - APG	DE	Ering	E.ON Netz		110		152	137		114 [30]		
115.8.1	AT	St. Peter	Verbund - APG	DE	Eggfling	E.ON Netz		110		105					
115.9.1	AT	St. Peter	Verbund - APG	DE	Pirach	E.ON Netz		220		518	457 [31]				
115.10.1	AT	St. Peter	Verbund - APG	DE	Pleinting	E.ON Netz		220		518	457 [32]				
115.11.3	AT	Ranna	EAGÖÖ-Netz	DE	Passau/Hauzenberg	E.ON Netz		110		90 [33]					
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	EAGÖÖ-Netz	DE	Weidach	Thüga		110		130					
115.14.2	AT	Antiesenhofen	EAGÖÖ-Netz	DE	Weidach	Thüga		110		130					
115.15.1	AT	Aigerding	Verbund - APG/EAGÖÖ-Netz	DE	Passau	ÖBK		110		102					
115.16.1 [34]	AT	St. Peter	Verbund - APG	DE	Schärding	ÖBK		220		301			229 [35]		
115.16.2 [36]	AT	St. Peter	Verbund - APG	DE	Schärding	ÖBK		220		301			229 [37]		
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 [38]				
117.1.2	AT	Silz	TIWAG-Netz	DE	Oberbrunn	E.ON Netz		220		793	762 [39]				
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	Atel	IT	Ponte	Terna		220		278					
121.2.1	CH	Gorduno	Atel	IT	Mese	Terna		220		278					
121.3.1	CH	Soazza	EGL Grid	IT	Bulciago	Terna		380		1224					
121.4.1	CH	Lavorgo	Atel	IT	Musignano	Terna		380		1204					
122.1.1 [40]	CH	Campocologno	RE	IT	Poschiavino	Terna		150		103	42				
123.1.1	CH	Riddes	EGL Grid	IT	Avise	Terna		220		309					
123.2.1	CH	Riddes	EGL Grid	IT	Valpelline	Terna		220		309					
123.3.1	CH	Serra	RHOWAG	IT	Pallanzeno	Terna		220		278					
124.1.1	CH	Robbia	RE	IT	Gorlago	Terna		380		1340					
124.1.2	CH	Robbia	RE	IT	San Fiorano	Terna		380		1340					
132.1.1	AT	Lienz	Verbund - APG	IT	Soverzene	Terna		220		257					
141.1.1 [41]	AT	Meiningen	VKW-Netz	CH	Y-Rehag	NOK		220		501					
141.2.1	AT	Meiningen	VKW-Netz	CH	Winkeln	NOK		220		776					
142.1.1	AT	Westtirol	Verbund - APG	CH	Pradella	EGL Grid		380		1340					
142.2.1	AT	Westtirol	Verbund - APG	CH	Pradella	EGL Grid		380		1340					
151.1.1	ES	Hemani	REE	FR	Argia [42]	RTE		380		1136					
151.2.1	ES	Irún	REE	FR	Errondenia	RTE		132		56					
151.3.1	ES	Arkale	REE	FR	Argia [43]	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 [44]	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 [45]				
161.3.1	DE	Audorf	E.ON Netz	DK W	Kassø	Energinet.dk		380		1078	658 [46]				
161.3.2	DE	Audorf	E.ON Netz	DK W	Kassø	Energinet.dk		380		1078	658 [47]				
161.4.1	DE	Flensburg UW Nord	E.ON Netz	DK W	Ensted	Energinet.dk		150		150					
162.1.1 [48]	DE	Bentwisch	VE Transmission	DK E	Bjæverskov	Energinet.dk		400		600 [49]					
163.1.1	NO	Kristiansand	Statnett	DK W	Tjele	Energinet.dk				250 [50]					
163.1.2	NO	Kristiansand	Statnett	DK W	Tjele	Energinet.dk				250 [51]					
164.1.1	NO	Kristiansand	Statnett	DK W	Tjele	Energinet.dk				350 [52]					
165.1.1	SE	Stenkullen	Svenska Kraftnät	DK W	Vester Hassing	Energinet.dk				125 [53]					
166.1.1	SE	Lindome	Svenska Kraftnät	DK W	Vester Hassing	Energinet.dk				360 [54]					
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 [55]				
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 [56,57]				
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 [58,59]				
191.2.2	DE	Bauler	RWE Transportnetz Strom	LU	Vianden	SEO		220		730	230 [60,61]				
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

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

T 9	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		
							at	Voltage	Transmission capacity	Voltage					
	Circuit ID	Country	Name	Operated by	Country	Name	Operated by	Forecast	Present	Forecast	Present				
(Frontier point.Line.Circuit)															
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 [62]	IT	Galatina	Terna	GR	Arachthos	HTSO		380		500					
211.1.1	AT	Wien Süd-Ost	Verbund - APG	HU	Győr	MAVIR		220		209					
211.1.2	AT	Neusiedel	Verbund - APG	HU	Győr	MAVIR		220		209					
212.1.1 [63]	AT	Wien Süd-Ost	Verbund - APG	HU	Győr	MAVIR		380		1514					
221.1.1	FR	Mandarins	RTE	GB	Sellindge	National Grid		270 [64]		1000 [65]					
221.2.1	FR	Mandarins	RTE	GB	Sellindge	National Grid		270 [66]		1000 [67]					
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	Amyndeo	HTSO		150		120	100				
251.1.1	HU	Lenti	MAVIR	HR	Nedeljanec	HEP-OPS		120		79	50 [68]	110 [69]			
251.2.1	HU	Siklos	MAVIR	HR	Donji Miholjac	HEP-OPS		120		114	50 [70]	110 [71]			
251.3.1	HU	Hévíz	MAVIR	HR	Zerjavinec	HEP-OPS		400		1246					
251.3.2	HU	Hévíz	MAVIR	HR	Zerjavinec	HEP-OPS		400		1246					
261.1.1	CS	Djerdap	EMS	RO	Portile de Fier	TRANSELECTRICA		380		1200					
262.1.1	CS	Kikinda 1	EMS	RO	Jimbolia	TRANSELECTRICA		110		55					
263.1.1	CS	Kusijak	EMS	RO	Ostrovu Mare	TRANSELECTRICA		110		90					
264.1.1	CS	Sip	EMS	RO	Gura Vaii	TRANSELECTRICA		110		90					
271.1.1	BG	Sofija Zapad	NEK	CS	Niš	EMS		380		1309					
272.1.1	BG	Breznik	ESO EAD	CS	HE Vrla 1	EMS		110		97					
273.1.1	BG	Kula	ESO EAD	CS	Zajecar	EMS		110		90					
275.1.1	RO	Isaccea	TRANSELECTRICA	BG	Varna	ESO EAD	750	400 [72]	4500	2300 [73]			750[74]		
276.1.1	RO	Isalnita	TRANSELECTRICA	BG	Kozlodui	ESO EAD		220		330					
277.1.1	RO	Tântareni	TRANSELECTRICA	BG	Kozlodui	ESO EAD		400		1200		1000			
277.1.2	RO	Tântareni	TRANSELECTRICA	BG	Kozlodui	ESO EAD		400		1200					
278.1.1	RO	Isaccea	TRANSELECTRICA	BG	Dobrudja	ESO EAD		400		1660			830		
281.1.1	AL	Vau i Dejës	KESH	CS	Podgorica	EP CG		220		276					
282.1.1	AL	Fierza	KESH	CS	Prizren	EMS		220		270					
291.1.1	AL	Elbassan	KESH	GR	Kardia	HTSO		400		1300	250 [75]				
292.1.1	AL	Bistrica	KESH	GR	Mourtos	HTSO		150		120	40 [76]				
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 [77]				
321.1.2	CZ	Prestice	CEPS	DE	Etzenricht	E.ON Netz		380		1363	1579 [78]				
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	CS	Subotica 3	EMS		380		1295	1050				
332.1.1	HU	Szeged	MAVIR	CS	Subotica	EMS		110		79 [79]	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[80]					
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 [81]					
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

[82]	Destroyed line and substation
[83]	Destroyed line
[84]	Destroyed line
[85]	New line 400 kV between CS (EMS) and BA (NOS) Ugljevik - Sremska Mitrovica is operational from EMS side
[86]	Line is destroyed, currently under construction
[87]	Line is destroyed, currently under construction
[88]	DC submarine cable
[89]	Monopol
[90]	Limited by the measuring transformer of current
[91]	Limited by the connections among equipments
[92]	Limited by the measuring transformer of current
[93]	Limited by the measuring transformer of current
[94]	Limited by the wire
[95]	Limited by the wire
[96]	On PL side 400 kV, on DE side 380 kV
[97]	On PL side 400 kV, on DE side 380 kV
[98]	Submarine cable
[99]	Submarine cable
[100]	Limited by current transformer at Krosno
[101]	Limited by current transformer at Krosno
[102]	Out of operation
[103]	Limited by HF attenuator at UA side
[104]	Radial operation
[105]	Out of operation
[106]	Submarine cable
[107]	Limited by the choke coil
[108]	Limited by the choke coil
[109]	Limited by the measuring transformer of current
[110]	Out of operation/ substation local automatic equipment
[111]	Out of operation/ substation local automatic equipment
[112]	Limited by HF attenuator
[113]	Not in operation
[114]	Limitation 900 MW

T 9	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		
	Circuit ID (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 [82]					
364.2.1	BA	Gradacac	NOS BiH	HR	Đakovo	HEP-OPS		220		229 [83]					
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 [84]					
364.5.1	BA	Orasje	NOS BiH	HR	Županja	HEP-OPS		110		76					
371.1.1	HR	Ernestinovo	HEP-OPS	CS	Sremska Mitrovica	EMS		380		1264					
371.2.1	HR	Nijemci	HEP-OPS	CS	Šid	EMS		110		76					
371.3.1	HR	Beli Manastir	HEP-OPS	CS	Apatin	EMS		110		78					
381.1.1	BA	Trebinje	NOS BiH	CS	Podgorica	EP CG		380		1264					
381.2.1	BA	Trebinje	NOS BiH	CS	Perucica	EP CG		220		276					
381.3.1	BA	Trebinje	NOS BiH	CS	Herceg Novi	EP CG		110		90					
381.4.1	BA	Bileca	NOS BiH	CS	Vilusi	EP CG		110		84					
382.1.1	BA	Sarajevo 20	NOS BiH	CS	Piva	EP CG		220		366					
382.2.1	BA	Goražde	NOS BiH	CS	Pljevlja	EP CG		110		90					
383.1.1	BA	Višegrad	NOS BiH	CS	Požega	EMS		220		311					
383.2.1	BA	Bijeljina	NOS BiH	CS	Lešnica	EMS		110		123					
383.3.1	BA	Zvornik	NOS BiH	CS	HE Zvornik	EMS		110		123					
383.4.1	BA	Višegrad	NOS BiH	CS	Potpec	EMS		110		90					
383.5.1	BA	Ugljevik	NOS BiH	CS	Sremska Mitrovica	EMS		380		1264 [85]					
391.1.1	MK	Skopje 1	MEPSO	CS	Kosovo A	EMS		220		311 [86]					
391.2.1	MK	Skopje 1	MEPSO	CS	Kosovo A	EMS		220		311 [87]					
391.3.1	MK	Skopje 5	MEPSO	CS	Kosovo B	EMS		380		1218					
401.1.1 [88,89]	DE	Herrenwyk	E.ON Netz	SE	Kruseberg	Sydkraft/Vattenfall		450		600					
404.1.1	CZ	Nosovice	CEPS	SK	Varin	SEPS		400		1205	1386 [90]				
410.1.1	CZ	Liskovec	CEPS	SK	Pov. Bystrica	SEPS		220		269					
420.1.1	CZ	Sokolnice	CEPS	SK	Senica	SEPS		220		318					
424.1.1	CZ	Sokolnice	CEPS	SK	Krizovany	SEPS		400		1205	1323 [91]				
430.1.1	CZ	Sokolnice	CEPS	SK	Stupava	SEPS		400		1363	831 [92]				
440.1.1	SK	V.Kapusany	SEPS	UA_W	Mukachevo	NPC Ukrenergo		400		1186	831 [93]				
443.1.1	CZ	Albrechtice	CEPS	PL	Dobrzyen	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		402 [94]					
501.1.2	DE	Vierraden	VE Transmission	PL	Krajnik	PSE-Operator S.A.		220		402 [95]					
502.1.1	DE	Hagenwerder	VE Transmission	PL	Mikulowa	PSE-Operator S.A.		380 [96]		1302					
502.1.2	DE	Hagenwerder	VE Transmission	PL	Mikulowa	PSE-Operator S.A.		380 [97]		1302					
601.1.1 [98]	ES	Puerto de la Cruz	REE	MA	Melloussa 1	ONE		380		715					
601.1.2 [99]	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 [100]				
700.1.2	PL	Krosno Iskrzynia	PSE-Operator S.A.	SK	Lemešany	SEPS		400		1252	831 [101]				
701.1.1	PL	Rzeszów	PSE-Operator S.A.	UA	Chmielnicka	NPC Ukrenergo		750		2676 [102]	1949 [103]				
702.1.1	PL	Zamosc	PSE-Operator S.A.	UA	Dobrotwor	NPC Ukrenergo		220		309 [104]					
703.1.1	PL	Bialystok	PSE-Operator S.A.	BY	Ros	Grodnoenergo		220		215 [105]					
704.1.1	PL	Slupsk	PSE-Operator S.A.	SE	Stårnø	Svk		450		600 [106]					
710.1.1	HU	Győr	MAVIR	SK	Gabcikovo	SEPS		400		1330	1386 [107]				
711.1.1	HU	Göd	MAVIR	SK	Levice	SEPS		400		1330	1386 [108]				
720.1.1	HU	Albertirsa	MAVIR	UA_W	Zahidno Ukrainka	NPC Ukrenergo		750		4010	1400				
721.1.1	HU	Sajószöged	MAVIR	UA_W	Mukacevo	NPC Ukrenergo		400		1390	693 [109]				
722.1.1	HU	Kisvárd	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		1200					
740.1.1	RO	Rosiori	TRANSELECTRICA	UA_W	Mukacevo	NPC Ukrenergo		400		1186 [110]					
741.1.1	RO	Isaccea	TRANSELECTRICA	UA_W	PivdennoUkrainska AES	NPC Ukrenergo		750		4500 [111]	2100 [112]				
750.1.1	RO	Stânca	TRANSELECTRICA	MD	Costesti	Moldenergo		110		55					
751.1.1	RO	Husi	TRANSELECTRICA	MD	Cioara	Moldenergo		110		55					
752.1.1	RO	Tutora	TRANSELECTRICA	MD	Ungheni	Moldenergo		110		55					
753.1.1	RO	Issaccea	TRANSELECTRICA	MD	Vulcanesti	Moldenergo		400		1340					
760.1.1	BG	Maritsa3	ESO EAD	TR	Babaeski	TEIAS		400		1309 [113]	900				
761.1.1	BG	Maritsa3	ESO EAD	TR	Hamitabat	TEIAS		400	1715	900 [114]					

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Abbreviations used of grid operators

Austria	Verbund - APG TIWAG Netz AG VKW - Netz AG	Verbund - Austria Power Grid AG TIWAG Netz AG VKW - Netz AG	Denmark West	Energinet.dk	Energinet.dk
Bosnia - Herzegovina	ISO BiH	Nezavisni operator sustava u Bosni i Hercegovini	Denmark East	Energinet.dk	Energinet.dk
Belgium	Elia	Elia System Operator SA/NV	Ukraine West	NPC Ukrenergo	NPC Ukrenergo
Bulgaria	ESO EAD	Electroenergien Sistemen Operator EAD	Albania	KESH	Albanian Electroenergetic Corporation
Switzerland	swissgrid	swissgrid ag	Belarus	Grodnoenergo	Grodnoenergo
Serbia & Montenegro	EPCG EPS	Elektroprivreda Crne Gore JP Elektromreža Srbije	Great Britain	National Grid	The National Grid Company plc
Czech Republic	CEPS	CEPS a.s.	Morocco	ONE	Office National de l'Electricité
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	Republic of Moldavia	Moldenergo	Moldenergo
Spain	REE	Red Eléctrica de España S.A.	Norway	Statnett	Statnett
France	RTE	RTE EDF Transport S.A.	Republic of Turkey	TEIAS	Türkiye Elektrik İletim A.S.
Greece	HTSO / DESMIE	Hellenic Transmission System Operator/ Diachristis Elinikou Sistimatos Metaforas Ilektrikis Energias	Sweden	SYDKRAFT VATTENFALL SvK	Sydkraft AB Vattenfall AB Svenska Kraftnät
Croatia	HEP - OPS	HEP-Operator prijenosnog sustava d.o.o.			
Hungary	MAVIR ZRt.	MAVIR Magyar Villamosenergia-ipari Rendszerirányító Zártkörűen Működő Részvénytársaság			
Italy	Terna S.p.A.	Terna - Rete Elettrica Nazionale SpA			
Luxembourg	CEGEDEL Net S.A.	Compagnie Grand Ducale d'Electricité du Luxembourg			
FYROM	MEPSO	Elektrostopanstvo na Makedonija AD, Skopje			
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			
Slovak Republic	SEPS	Slovenska elektrizacna prenosova sustava, a.s.			

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	10013		490			1078		6581	1864				
11.1.2	DE - Diele (E.ON Netz)	NL - Meeden (TenneT TSO B.V.)	380	1382	R1,R2	6938						5196	1572	170				
13.1.2	DE - Rommerskirchen (RWE Transportnetz Strom)	NL - Maasbracht (TenneT TSO B.V.)	380	1698	R1	9430						9430						
15.1.1	DE - Gronau (RWE Transportnetz Strom)	NL - Hengelo (TenneT TSO B.V.)	380	1790	R10	4004			550		1009	2445						
15.1.2	DE - Gronau (RWE Transportnetz Strom)	NL - Hengelo (TenneT TSO B.V.)	380	1790	R10	42301						994			41307			
25.1.1	BE - Gramme (Elia)	NL - Maasbracht (TenneT TSO B.V.)	380	1207	R1	39216								38395		821		
25.1.2	BE - Meerhout (Elia)	NL - Maasbracht (TenneT TSO B.V.)	380	1270	R1	45432								471		22597	22364	
26.1.1	BE - Zandvliet (Elia)	NL - Geertruidenberg (TenneT TSO B.V.)	380	1476	R1,R2	15302	14744									558		
26.2.1	BE - Zandvliet (Elia)	NL - Borssele (TenneT TSO B.V.)	380	1476	R1,R2	27657		13338		7815				500	6004			
41.1.1	BE - Aubange (Elia)	LU - Belval (SOTEL)	220	358	R1	2209		2209										
41.1.2	BE - Aubange (Elia)	LU - Belval (SOTEL)	220	358	R1	391								391				
41.2.1	BE - Aubange (Elia)	LU - Belval (SOTEL)	150	157	R1	1187	497			230		45						415
41.3.1	BE - Aubange (Elia)	LU - Belval (SOTEL)	150	157	R1	4847	404			289	2252	24	1463					415
51.1.1	BE - Jamiolle (Elia)	FR - Chooz (RTE)	220	362	R1	6407							4					6403
51.2.1	BE - Avelgem (Elia)	FR - Mastaing (RTE)	380	1207	R1	3415				3405					10			
51.2.2	BE - Avelgem (Elia)	FR - Avelin (RTE)	380	1367	R1,R9	3392		24		3368								
51.3.1	BE - Achene (Elia)	FR - Lonny (RTE)	380	1207	R1	3466					3466							
52.1.1	BE - Aubange (Elia)	FR - Moulaine (RTE)	220	358	R1	16478									8137	8341		
71.1.1	DE - Uchtelfangen (RWE Transportnetz Strom)	FR - Vigy (RTE)	380	1790	R1	666			666									
71.1.2	DE - Uchtelfangen (RWE Transportnetz Strom)	FR - Vigy (RTE)	380	1790	R1	46170			5203				40967					
71.2.1	DE - Ensdorf (RWE Transportnetz Strom)	FR - St-Avoid (RTE)	220	282	R1,R9,R10	16739			672		489		6466		3271		5841	
72.1.1	DE - Eichstetten (EnBW Transportnetze)	FR - Vogelgrün (RTE)	220	492	R1	8195		1972				568		5634			21	
72.1.2	DE - Eichstetten (EnBW Transportnetze)	FR - Muhlbach (RTE)	380	1790	R2	500					500							
81.1.1	CH - Bassecourt (BKW)	FR - Sierentz (RTE)	380	1340	R1,R9,R10	31863				26326		642					3902	993
81.2.1	CH - Laufenburg (EGL Grid)	FR - Sierentz (RTE)	380	1340	R1,R2	45494	2033				2004	35395	6062					
81.3.1	CH - Bassecourt (BKW)	FR - Mambelin (RTE)	380	1340	R1,R2	9045	2049			564						6432		
82.1.1	CH - Verbois (EOS)	FR - Bois-Tollot (RTE)	380	1564	R1,R2,R9	9963	4869							1736	3358			
82.1.2	CH - Chamoson (EOS)	FR - Bois-Tollot (RTE)	380	1564	R1,R2,R9,R10	31962	4920			420		1912	23930	162	618			
82.2.1	CH - Verbois (EOS)	FR - Génissiat (RTE)	220	428	R1	3204									3204			
82.2.2	CH - Verbois (EOS)	FR - Génissiat (RTE)	220	428	R1	3258									3258			
82.4.1	CH - La Bâtiаз (Atel)	FR - Vallorcine (RTE)	220	370	R1,R2	695				565			41	89				
82.5.1	CH - Riddes (EGL Grid)	FR - Cornier (RTE)	220	360	R1,R9	14987					14800							187
82.6.1	CH - St.-Triphon (EOS)	FR - Cornier (RTE)	220	360	R1	16072					3840	12232						
83.1.1	DE - Asphard (Atel/NOK/EnBW Tr.Netz)	FR - Sierentz (RTE)	380	1660	R1,R9	14157	6460						4819			876		2002
91.1.1	FR - Albertville (RTE)	IT - Rondissone (Terna)	380	1745	R1	18869								18869				
91.1.2	FR - Albertville (RTE)	IT - Rondissone (Terna)	380	1745	R1	18869								18869				
92.1.1	FR - Trinite Victor (RTE)	IT - Camporosso (Terna)	220	320	R1,R9	25328				209	302			15398	9419			
93.1.1	FR - Villarodin (RTE)	IT - Venaus (Terna)	380	956	R1,R9,R10	8415			214		94	60		6127		1920		
94.1.1	FR - Lucciana (EDF)	IT - Suvereto (Terna)	220	300	R1	18240									8160			10080
102.1.1	CH - Laufenburg (EGL Grid)	DE - Gurtweil (EnBW Transportnetze)	220	485	R1	3051						2485	566					
102.1.2	CH - Laufenburg (EGL Grid)	DE - Gurtweil (EnBW Transportnetze)	220	469	R1,R2	1543							623	386	534			
102.2.1	CH - Laufenburg (EGL Grid)	DE - Kühmoos (EnBW Transportnetze)	220	469	R1,R2,R9	10881					3705	2492	4151		533			
102.3.1	CH - Laufenburg (EGL Grid)	DE - Kühmoos (EnBW Transportnetze)	220	469	R1	6370					3705		2665					
102.3.2	CH - Laufenburg (EGL Grid)	DE - Kühmoos (EnBW Transportnetze)	380	1620	R1	4640								547		3513	580	
102.4.1	CH - Laufenburg (EGL Grid)	DE - Kühmoos (EnBW Transportnetze)	380	1620	R1	3091				977				547		987	580	
102.4.2	CH - Laufenburg (EGL Grid)	DE - Kühmoos (RWE Transportnetz Strom)	380	1620	R1	49519	778		43652		5089							
102.5.1	CH - Laufenburg (EGL Grid)	DE - Tiengen (RWE Transportnetz Strom)	380	1131	R1,R10	52734	3468			2031			11094	35541		600		
103.1.1	CH - Beznau (NOK)	DE - Tiengen (RWE Transportnetz Strom)	380	1278	R1	22131								22131				
103.1.2	CH - Beznau (NOK)	DE - Tiengen (RWE Transportnetz Strom)	220	370	R2	22128								22128				
104.1.1	CH - Asphard (Atel/NOK)	DE - Kühmoos (EnBW Transportnetze)	380	1340	R1,R2	32708					24060	2461	3610			608		1969
105.1.1	CH - Laufenburg (EGL Grid)	DE - Engstlatt (EnBW Transportnetze)	380	1580	R1,R9	45357				1957	1920	40757	723					
111.1.1	AT - Bürs (VIW)	DE - Obermooweller (EnBW Transportnetze)	380	1369	R1,R2,R7,R9	3113	934	723				506	284		467	199		
111.1.2	AT - Bürs (VIW)	DE - Obermooweller (EnBW Transportnetze)	380	1369	R1,R2,R9	1362			317			31	356		500	158		
111.2.1	AT - Bürs (VIW)	DE - Herberlingen (RWE Transportnetz Strom)	220	389	R1,R2,R9	35525	55					318			30338		4814	
111.3.1	AT - Bürs (VIW)	DE - Dellmensingen (RWE Transportnetz Strom)	220	492	R1,R2,R10	4500				872	154	103	926	243	2202			
115.2.1	AT - Braunau (ÖBK)	DE - Stammham (E.ON Netz)	110	102	R2	578												578
115.5.1	AT - St. Peter (Verbund-APG)	DE - Altheim (E.ON Netz)	220	301	R1,R2	8703	2964		990		3597	1152						
115.6.1	AT - St. Peter (Verbund-APG)	DE - Simbach (E.ON Netz)	220	301	R1,R2	5598			671		3776	1151						
115.9.1	AT - St. Peter (Verbund-APG)	DE - Pirach (E.ON Netz)	220	518	R1,R9	8835			920							1723	1991	4201
115.10.1	AT - St. Peter (Verbund-APG)	DE - Pleinting (E.ON Netz)	220	518	R1,R2,R9,R10	3299			1023			135	33		420	1604	84	
116.1.1	AT - Westtirol (Verbund-APG)	DE - Leupolz (RWE Transportnetz Strom)	380	1316	R1	729					729							
116.2.1	AT - Westtirol (Verbund-APG)	DE - Memmingen (RWE Transportnetz Strom)	220	762	R1,R2	2240									1838		175	227
117.1.1	AT - Silz (TIWAG-Netz)	DE - Oberbrunn (E.ON Netz)	220	793	R9,R10	16922					15168	4	1431					319
117.1.2	AT - Silz (TIWAG-Netz)	DE - Oberbrunn (E.ON Netz)	220	793	R9	25916					22542	2051	1323					

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 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]
121.1.1	CH - All' Acqua (Atel)	IT - Ponte (Terna)	220	905	R1	4213						3472	741					
121.2.1	CH - Gorduno (Atel)	IT - Mese (Terna)	220	370	R1, R9	18133						270			17863			
121.3.1	CH - Soazza (EGL Grid)	IT - Bulciago (Terna)	380	1340	R1	3813				240				3573				
121.4.1	CH - Lavorgo (Atel)	IT - Musignano (Terna)	380	1278	R1, R2, R9	18015				582	710			15412	1151			160
123.1.1	CH - Riddes (EGL Grid)	IT - Avise (Terna)	220	331	R1	8385									6380	2005		
123.2.1	CH - Riddes (EGL Grid)	IT - Valpelline (Terna)	220	331	R1	377										377		
123.3.1	CH - Serra (RHOWAG)	IT - Pallanzeno (Terna)	220	370	R2	1811	539	635		199							438	
124.1.1	CH - Robbia (RE)	IT - Gorlago (Terna)	380	1340	R1, R9	7057					6469				588			
124.1.2	CH - Robbia (RE)	IT - San Fiorano (Terna)	380	1340	R1, R2	585										464		121
132.1.1	AT - Lienz (Verbund-APG)	IT - Soverzene (Terna)	220	257	R1	10320				7740		2100					480	
141.1.1	AT - Meiningen (VKW-Netz)	CH - Y-Pehag (NOK)	220	501	R1, R2, R9, R10	7203	1621				348		1664			3443	127	
141.2.1	AT - Meiningen (VKW-Netz)	CH - Winkeln (NOK)	220	776	R1, R2	32623					276				8232	24115		
142.1.1	AT - Westtirol (Verbund-APG)	CH - Pradella (EGL Grid)	380	1340	R1	3487					3487							
142.2.1	AT - Westtirol (Verbund-APG)	CH - Pradella (EGL Grid)	380	1340	R1	3505					3505							
151.1.1	ES - Hernani (REE)	FR - Argia (RTE)	380	1482	R1, R10	847	308				539							
151.2.1	ES - Irún (REE)	FR - Errondenia (RTE)	132	59	R9	26379			16627	9752								
151.3.1	ES - Arkale (REE)	FR - Argia (RTE)	220	369	R1, R4	2017	38									1979		
151.4.1	ES - Biescas (REE)	FR - Pragnères (RTE)	220	268	R1, R2	4911						1599				3312		
152.1.1	ES - Benós (REE)	FR - Lac d'Oo (RTE)	110	76	R8	870										870		
153.1.1	ES - Vic (REE)	FR - Baixas (RTE)	380	1489	R1	514	514											
161.1.1	DE - Flensburg (E.ON Netz)	DK_W - Ensted (Energinet.dk)	220	332	R2	83											83	
161.2.1	DE - Flensburg (E.ON Netz)	DK_W - Kasso (Energinet.dk)	220	332	R2	318											318	
161.3.1	DE - Audorf (E.ON Netz)	DK_W - Kasso (Energinet.dk)	380	1382	R1	338											338	
161.3.2	DE - Audorf (E.ON Netz)	DK_W - Kasso (Energinet.dk)	380	1382	R1, R2	2764									522		2242	
163.1.1	NO - Kristiansand (Statnett)	DK_W - Tjele (Energinet.dk)		250	R1, R5, R6	3649	137				3464	48						
163.1.2	NO - Kristiansand (Statnett)	DK_W - Tjele (Energinet.dk)		250	R1, R6, R9, R10	15705	2425	2205			6244	48						4783
164.1.1	NO - Kristiansand (Statnett)	DK_W - Tjele (Energinet.dk)		350	R6	447653	12605	40320	44580	43200	44640	43200	44640	44640	43200	44700	41761	167
165.1.1	SE - Stenkullen (Svenska Kraftnät)	DK_W - Vester Hassing- Lindome (Energinet.dk)		125	R1, R2, R4, R5, R6, R9	21701	948	168	2036	1322	281	1152	592	6240	6601	2361		
166.1.1	SE - Lindome (Svenska Kraftnät)	DK_W - Vester Hassing- Lindome (Energinet.dk)		360	R1, R2, R5, R6, R9	7871	106		2020	12		641			684	666	3455	287
171.1.1	AT - Bisamberg (Verbund-APG)	CZ - Sokolnice (CEPS)	220	269	R2, R3	57493			23974	19339		14180						
171.2.1	AT - Bisamberg (Verbund-APG)	CZ - Sokolnice (CEPS)	220	269	R2, R3	52843				18952		26941	6950					
172.1.1	AT - Dürnröhr (Verbund-APG)	CZ - Slavetice (CEPS)	380	1711	R1	42410								42410				
181.1.1	AT - Obersielach (Verbund-APG)	SI - Podlog (ELES)	220	351	R1, R9	530		382	121	14				13				
182.1.1	AT - Kainachtal (Verbund-APG)	SI - Maribor (ELES)	380	1514	R9	1202												
182.2.1	AT - Kainachtal (Verbund-APG)	SI - Maribor (ELES)	380	1514	R9	1064												
191.3.1	DE - Bauler (RWE Transportnetz Strom)	LU - Flebour (CEGEDEL Net SA)	220	490	R10	5260	413	4847										
191.4.1	DE - Bauler (RWE Transportnetz Strom)	LU - Roost (CEGEDEL Net SA)	220	492	R10	5270												
192.1.1	DE - Trier (RWE Transportnetz Strom)	LU - Heisdorf (CEGEDEL Net SA)	220	492	R1	28620	1000	12917	11993		270		2309				131	
192.2.1	DE - Quint (RWE Transportnetz Strom)	LU - Heisdorf (CEGEDEL Net SA)	220	492	R1	63976	9186	8772		11643	19039		1181		13079			1076
201.1.1	IT - Redipuglia (Terna)	SI - Divaca (ELES)	380	1619	R1	9240								9240				
205.1.1	IT - Galatina (Terna)	GR - Arachthos (HTSO)	380	500	R1, R6, R9	23840	346				802	22511					181	
211.1.1	AT - Wien Sued-Ost (Verbund-APG)	HU - Gyoer (MAVIR)	220	305	R1	139		139										
211.1.2	AT - Neusiedl (Verbund-APG)	HU - Gyoer (MAVIR)	220	305	R1	216		216										
221.1.1	GB - Sellindge (National Grid)	FR - Mandarins (RTE)	270	1000	R1, R2, R6, R9, R10	6544	391				106	542		39	5466			
221.2.1	GB - Sellindge (National Grid)	FR - Mandarins (RTE)	270	1000	R1, R9, R10	4011	28	651	39		52				3120		121	
233.1.1	ES - Cedillo (REE)	PT - Falagueira (REN)	380	1621	R1	5475		2742			2733							
235.1.1	ES - Brovaes (REE)	PT - Alqueva (REN)	400	1347	R1, R3	4889			3203	853	833							
241.1.1	MK - Dubrovo (MEPSO)	GR - Thessaloniki (HTSO)	400	1300	R1	2764									2764			
242.1.1	MK - Bitola (MEPSO)	GR - Amyndeo (HTSO)	150	120	R1	5942									5942			
261.1.1	CS - Djerdap (EMS)	RO - Portile de Fier (TRANSELECTRICA)	400	1250	R1	8049				225							7824	
262.1.1	CS - Kikinda 1 (EMS)	RO - Jimbolia (TRANSELECTRICA)	110	65	R1	16370					16370							
263.1.1	CS - Kusiak (EMS)	RO - Ostrovu Mare (TRANSELECTRICA)	110	90	R1	1972					1972							
264.1.1	CS - Sip (EMS)	RO - Gura Văii (TRANSELECTRICA)	110	90	R1	626											626	
271.1.1	BG - Sofija Zapad (EOS EAD)	CS - Nis (EMS)	380	1309	R1	11643									11192	451		
276.1.1	RO - Isalnita (TRANSELECTRICA)	BG - Kozlodui (EOS EAD)	220	330	R1, R2	24918									6312			18606
277.1.1	RO - Tântareni (TRANSELECTRICA)	BG - Kozlodui (EOS EAD)	400	1200	R1	22683					18900	1965						1818
277.1.2	RO - Tântareni (TRANSELECTRICA)	BG - Kozlodui (EOS EAD)	400	1200	R1	3776						1958						1818
278.1.1	RO - Isaccea (TRANSELECTRICA)	BG - Dobrudja (EOS EAD)	400	1660	R1	8856			4118	3680	1058							
281.1.1	AL - Vau i Dejës (KESH)	CS - Podgorica 2 (EP CG)	220	276	R1, R5	8237	2474	118	1382	17	3952	241		53				
282.1.1	AL - Fierza (KESH)	CS - Prizren (EMS)	220	270	R2, R5	1037	6	160	141	183	36		387	88		36		
291.1.1	AL - Elbasan (KESH)	GR - Kardja (HTSO)	400	1300	R1	6486					6486							
292.1.1	AL - Bistrica (KESH)	GR - Mourtos (HTSO)	150	120	R1	23543										23543		

Reasons: R1 - Maintenance, R2 - Repair, R3 - New construction, R7 - Outside impacts (animals, trees, fire, avalance,...),

R4 - Overload (also calculated), R8 - Very exceptional conditions (weather, natural disaster,...),

R5 - False operation, R9 - Other reasons,

R6 - Failure in prodection device or other element, R10 - Unknown reasons

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]
301.1.1	BG - Blagoevgrad (EOS EAD)	GR - Thessaloniki (HTSO)	400	1309	R1,R4,R10	20660				46	20574	40						
321.1.1	CZ - Hradec Zapad (CEPS)	DE - Etzenricht (E.ON Netz)	400	1363	R1,R2,R8	24024					16311	5194	2380	139				
321.1.2	CZ - Prestice (CEPS)	DE - Etzenricht (E.ON Netz)	400	1363	R1	6345					263				6082			
322.1.1	CZ - Hradec Vychod (CEPS)	DE - Röhrsdorf (VE Transmission)	400	1205	R1,R2,R3	23707		1580						373		21754		
322.1.2	CZ - Hradec Vychod (CEPS)	DE - Röhrsdorf (VE Transmission)	400	1205	R1,R3	2824		2229								595		
331.1.1	HU - Sándorfalva (MAVIR)	CS - Subotica 3 (EMS)	380	1295	R1,R2	962		539								423		
351.2.1	HR - Pehlin (HEP-OPS)	SI - Divaca (ELES)	220	366	R9	177			177									
352.2.1	HR - Žerjavinec (HEP-OPS)	SI - Cirkovce (ELES)	220	297	R9	167			167									
352.3.1	HR - Nedeljanec (HEP-OPS)	SI - Formin (ELES)	110	115	R9	176			176									
371.1.1	HR - Ernestinovo (HEP-OPS)	CS - Sremska Mitrovica (EMS)	400	1264	R1,R2	638	108								530			
381.1.1	BA - Trebinje (NOS BiH)	CS - Podgorica 2 (EP CG)	380	1264	R1,R5,R9	47522			44580				2240		19	661	22	
381.2.1	BA - Trebinje (NOS BiH)	CS - Perucica (EP CG)	220	311	R1,R2,R5	6346	3		464			9	2467	1761	240	1402		
381.3.1	BA - Trebinje (NOS BiH)	CS - Herceg Novi (EP CG)	110	90	R1,R5	8649		104	360	11	321	6	1814	1793	2785	1306	149	
381.4.1	BA - Bileća (NOS BiH)	CS - Vilusi (EP CG)	110	84	R2,R5	728										179	549	
382.1.1	BA - Sarajevo 20 (NOS BiH)	CS - Piva (EP CG)	220	366	R1,R2,R5	13718	60				2942	444				9795	71	406
383.1.1	BA - Visegrad (NOS BiH)	CS - Pozega (SEPS)	220	311	R1	72					72							
383.2.1	BA - Bijeljina (NOS BiH)	CS - Lesnica (EMS)	110	123	R5	19										19		
383.3.1	BA - Zvornik (NOS BiH)	CS - HE Zvornik (EMS)	110	123	R5	257						130			127			
383.4.1	BA - Visegrad (NOS BiH)	CS - Zamrsten (EMS)	110	123	R1	3840					3840							
383.5.1	BA - Sremska Mitrovica (NOS BiH)	CS - Ugljevik (EMS)	380	1264	R1	4627						237			4390			
391.1.1	MK - Skopje 1 (MEPSO)	CS - Kosovo A (EMS)	220	311	R10	525600	44640	40320	44580	43200	44640	43200	44640	44640	43200	44700	43200	44640
391.2.1	MK - Skopje 1 (MEPSO)	CS - Kosovo A (EMS)	220	311	R10	525600	44640	40320	44580	43200	44640	43200	44640	44640	43200	44700	43200	44640
391.3.1	MK - Skopje 5 (MEPSO)	CS - Kosovo B (EMS)	380	1218	R5	175			175									
401.1.1	DE - Herrenwyk (E.ON Netz)	SE - Kruseberg (Sydskraft/Vattenfall)	450	600	R1,R2,R6,R10	14057	6110	477			989					6481		
404.1.1	CZ - Nosovice (CEPS)	SK - Varin (SEPS)	400	1205	R1,R2	18599		6859	249			8596	2895					
410.1.1	CZ - Liskovec (CEPS)	SK - Pov. Bystrica (SEPS)	220	269	R1	4738	479						743			3516		
420.1.1	CZ - Sokolnice (CEPS)	SK - Senica (SEPS)	220	318	R3,R9	35567				782				492	31400	2893		
424.1.1	CZ - Sokolnice (CEPS)	SK - Krizovany (SEPS)	400	1205	R1,R2,R3,R6	10285			108	1710		6268		42	2042		115	
430.1.1	CZ - Sokolnice (CEPS)	SK - Stupava (SEPS)	400	1363	R1,R2,R6	6746				251		6260	184	51				
440.1.1	UA_W - Mukachevo (NPC Ukrenergo)	SK - V.Kapusany (SEPS)	400	1186	R1	8413				6325						2088		
443.1.1	CZ - Albrechtice (CEPS)	PL - Dobrzyń PSE-Operator S.A.)	400	1205	R1,R3	66914		2329				29849	32477					2259
444.1.1	CZ - Nosovice (CEPS)	PL - Wielopole (PSE-Operator S.A.)	400	1205	R1,R3	79849							309		38442	41098		
450.1.1	CZ - Liskovec (CEPS)	PL - Kopanina (PSE-Operator S.A.)	220	400	R1,R3	6849	2288				2123				572	497	1369	
460.1.1	CZ - Liskovec (CEPS)	PL - Bujaków (PSE-Operator S.A.)	220	400	R1,R9	9586	2289				4173			316	944	495	1369	
501.1.1	DE - Vierraden (VE Transmission)	PL - Krajnik (PSE-Operator S.A.)	220	460	R1	4877				4877								
501.1.2	DE - Vierraden (VE Transmission)	PL - Krajnik (PSE-Operator S.A.)	220	460	R1	1849				1849								
502.1.1	DE - Hagenwerder (VE Transmission)	PL - Mikulowa (PSE-Operator S.A.)	380	1660	R1	2399						372					2027	
502.1.2	DE - Hagenwerder (VE Transmission)	PL - Mikulowa (PSE-Operator S.A.)	380	1660	R1	1941											1941	
601.1.1	ES - Puerto de la Cruz (REE)	MA - Melloussa 1 (ONE)	380	715	R1,R9	5853				4436		1417						
700.1.1	PL - Krosno Iskrzynia (PSE-Operator S.A.)	SK - Lemešany (SEPS)	400	1252	R1,R2,R9	42573								39605			2597	371
700.1.2	PL - Krosno Iskrzynia (PSE-Operator S.A.)	SK - Lemešany (SEPS)	400	1252	R2	40375								39605			399	371
702.1.1	PL - Zamość (PSE-Operator S.A.)	UA - Dobrotvir (NPC Ukrenergo)	220	309	R1,R9	21940	10012	5698		3350	2855	25						
704.1.1	PL - Słupsk (PSE-Operator S.A.)	SE - Stårnø (SvK)	450	600	R1,R6,R9,R10	8832			126	535	43	95	331	1287	12		6403	
710.1.1	HU - Győr (MAVIR)	SK - Gabčíkovo (SEPS)	400	1330	R1,R2	17006					287				16719			
711.1.1	HU - Göd (MAVIR)	SK - Levice (SEPS)	400	1330	R1	11641										11641		
720.1.1	HU - Albertirsa (MAVIR)	UA_W - Zahidno Ukrainska (NPC Ukrenergo)	750	4988	R1	12861	335					6845		5681				
721.1.1	HU - Sajószöged (MAVIR)	UA_W - Mukacevo (NPC Ukrenergo)	400	1390	R1	21867			5315	9312					7240			
722.1.1	HU - Kisvárd (MAVIR)	UA_W - Mukacevo (NPC Ukrenergo)	220	209	R1	7534									7534			
722.1.2	HU - Tiszaik (MAVIR)	UA_W - Mukacevo (NPC Ukrenergo)	220	209	R1	12616			6270						6346			
730.1.1	HU - Sándorfalva (MAVIR)	RO - Arad (TRANSELECTRICA)	400	1330	R1	36889		480									15404	21005
740.1.1	RO - Rosiori (TRANSELECTRICA)	UA_W - Mukacevo (NPC Ukrenergo)	400	1200	R1,R2,R9	35633		280		5030	23540			470		6273	40	
752.1.1	RO - Tutora (TRANSELECTRICA)	MD - Ungheni (Moldenergo)	110	55	R1	388							388					

Reasons: R1 - Maintenance, R2 - Repair, R3 - New construction, R7 - Outside impacts (animals, trees, fire, avalance,...),

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R5 - False operation, R9 - Other reasons,

R6 - Failure in prodection device or other element, R10 - Unknown reasons

	Circuit length (km)				Transformers 380/400kV→220kV	
					in the network	
Country	220 kV	of which cable	380/400 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	400	0	1325	0	6	2,0
BG	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
CH	4956	20	1780	0	18	10,0
CS ⁴	2598	0	1814	0	13	5,2
CZ	1912	0	3383	0	4	2,0
DE ⁵	16050	30	19450	60	91	53,5
ES	16685	112	17042	57	97	51,0
FR	26392	902	21015	3	210	108,0
GR	11050	232	4156	160	46	13,0
HR ³	1145	0	1159	0	4	2,0
HU ⁴	1188	0	2364	0	3	1,5
IT	11726	860	10809	317	55	22,1
LU	236	6	0	0	0	0,0
MK ²	70	0	397	0	0	0,0
NL	683	6	2052	0	4	2,5
PL	7908	0	5173	254	16	7,2
PT ⁴	2854	19	1501	0	7	3,2
RO	4132	0	4630	0	22	9,0
SI ³	328	0	510	0	3	1,2
SK	962	0	1752	0	3	1,4
UCTE ⁶	116547	2192	103552	907	622	301,8
DK_W	39	0	833	14	0	0,0
UA_W	594	0	590 ⁷	0 ⁷	6 ⁷	2,3 ⁷

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 transformers of power units as of 31 December 2000

⁶ Except Bulgaria

⁷ Including 330 kV and 750 kV equipment

Country	Transformers 220kV → < 220kV				Transformers 380/400kV → < 220kV			
	of power units		in the network		of power units		in the network	
	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	3	1,0	24	3,0	14	8,0	27	12,0
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
CS ⁴	23	4,6	51	7,7	11	4,9	13	3,8
CZ	5	0,9	20	4,0	33	9,2	41	11,3
DE ⁵	111	31,0	394	74,4	100	62,0	211	60,3
ES	0	0,0	1	0,1	0	0,0	15	5,0
FR	231	29,4	797	83,0	104	86,4	54	13,0
GR	93	8,0	416	17,0	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	26,5	121	36,7	218	56,3
LU	11	1,8	19	2,6	0	0,0	0	0,0
MK ²	0	0,0	4	0,6	2	0,5	7	2,1
NL	9	3,2	26	4,4	6	3,6	39	18,1
PL	56	13,6	126	20,0	26	8,9	35	9,4
PT ⁴	61	4,1	64	7,8	19	4,4	16	4,5
RO	38	7,8	90	18,2	14	5,2	22	5,5
SI ³	0	0,0	15	2,3	0	0,0	5	1,5
SK	8	1,5	13	2,6	20	4,1	21	5,7
UCTE ⁶	951	144,7	2490	316,7	518	256,6	768	220,6
DK_W	0	0,0	2	0,7	4	1,6	20	6,5
UA_W	7	1,8	13	1,9	5 ⁷	1,3 ⁷	1 ⁷	1,0 ⁷

	AT	BA	BE	BG	CH	CS	CZ	DE	ES	FR	GR	HR	HU	IT	LU	MK	NL	PL	PT	RO	SI	SK	DK W	UA W
AT					- 2 2		2 1	20 11 3					2 1	1 -							- 1 2			
BA					6 3 1						11 7 2													
BE									- 2 3						2 2 -		- - 4							
BG					2 - 1					- - 1						2 -					- 1 4			
CH							2 5 7		1 5 5				1 5 4											
CS											2 - 1	1 - 1				- 2 1				3 - 1				
CZ							- - 4											- 2 2				5 2 3		
DE									- 2 4						- 8 -		- - 6	- 2 2					1 2 2	
ES									2 2 2										1 3 4					
FR																								
GR																								
HR																								
HU																								
IT																								
LU																								
MK																								
NL																								
PL																								
PT																								
RO																								
SI																								
SK																								
DK W																								
UA W																								

<220 kV

220 kV

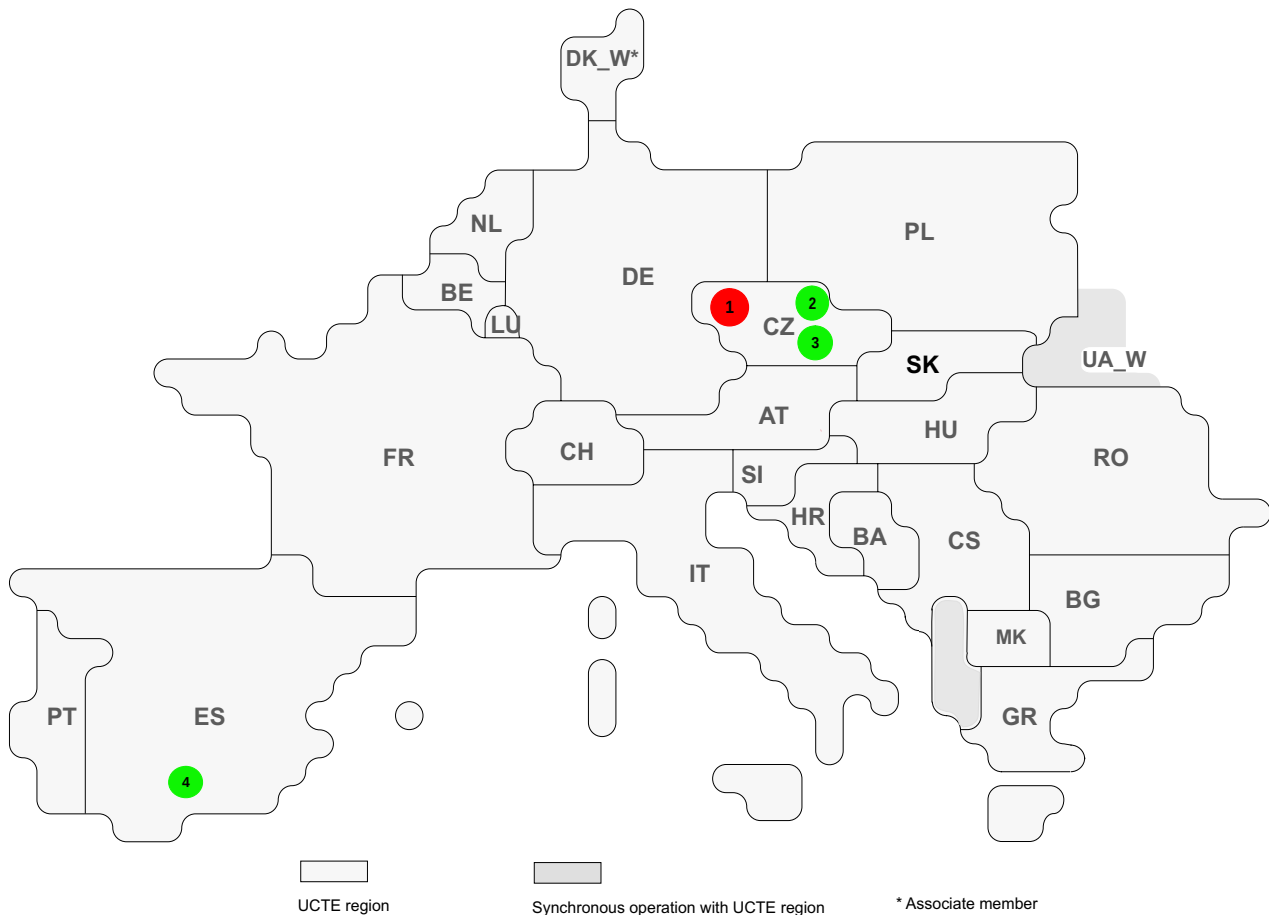
380/400 kV

As of 31.12.2006

Country	Name of line or equipment	Voltage in kV	Main characteristics
AT	PST 21-Ternitz 220 30/11/2006	220	Phase Shifting Transformer
	PST 21-Ernsthofen 220 17/11/2006	220	Phase Shifting Transformer
	PST 21-Tauern	220	31/10/2006
BE	Woluwe	150/11	New transformer replacing a transformer 36/11 kV
	Avelgem - Ruien	150	Double circuit AC line replacing an existing single circuit AC line, ca.1.1 km
	Wondelgem - Nieuwe Vaart	150	Additional double circuit, 3.3 km, AC line
	Woluwe	150/11	New transformer replacing a transformer 36/11 kV
	Nivelles	150/15	Additional transformer
	Oelegem	150/15	Additional transformer
	Slijkens-Koksijde	150	Single circuit, ca.32.9km, AC cable
	Oisquercq	150/15	Additional transformer
	Harenheide	150/11	Additional transformer
	Zaventem	150/36	Additional transformer
	Harenheide -Witloofstraat	150	Single circuit,ca.1.2 km, AC cable
	Verbrande Brug -Witloofstraat - Zaventem	150	Single circuit, ca.10.9 km, AC cable
	Jamiolle-Monceau	220	Double circuit upgrade from 150kV to 220kV; 2x ca.29.7 km, AC line
DE	Eupen	150/70	Additional transformer
	Oostrozebeke	150/10	Additional transformer
	Second connection Eula	380	Two double circuits, < 1 km, AC
	Weida - Remptendorf	380	Upgrading of an AC; circuit from 220 to 380 kV, 61 km
	Connection Wessin	380	Double circuit, < 1 km, AC
DE	Connection Niedervieland	380	Double circuit, AC, 8 km
	Reiterseich - Redwitz	380	Upgrading of an AC; double circuit from 220 to 380 kV
ES	Ln/ Cabra-La Roda	400	82 km
	I/O Brovales Ln/Balboa-Alqueva	400	0.36 km
	Ln/ Val D'Uxó-Segorbe	220	46 km
	Benejama	400/220	450 MVA
	El Palmar	400/220	600 MVA
	I/O El Palmar - Ln/Litoral-Rocamora	400	95.6 km
	Litoral	400/220	600 MVA
	Moraleja	400/220	450 MVA
	2nd Circuit Spain-Morocco	400	AC submarine
	Ln/ Alvarado-Mérida	220	41.9 km
FR	Ln/ Magallón-Jalón	220	19 km (2nd circuit)
	PST at Niort substation	225	45 MVA phase shifting transformer
	2 RTE Static VAR Compensators	225	In the Bretagne region: one at Plaine Haute substation in the Côtesd'Armor département and another at Poteau Rouge substation in the Morbihan département. Capacity delivered = 300 MVAR, Capacity absorbed = 150 MVAR

Country	Name of line or equipment	Voltage in kV	Main characteristics
FR	Hirsingue to Etupes-Sierentz	225	25.5 km connecting substation to overhead line
	Vezilly to Ormes-Soissons Notre Dame	225	29.6 km connecting substation to overhead line
	PST at Guarbecque substation	225	400 MVA phase shifting transformer
GR	OHL 150KV s/s Egio-Xylokastro	150	Reconstruction of a part, double circuit overhead line
	Autotransformer s/s AG. Stefanos	400/150	
	HT s/s Makryxoriou	150	New substation
	OHL 150KV s/s Komotini - Komotini CCP	150	Single circuit overhead line
	Autotransformer s/s Pallini	400/150	
	HT s/s Oryxeia Kardias	150	New substation
HU	Gyor-Szombathely line	400	
	Szombathely substation	400/120	
IT	Carpi Fossoli - S. Damaso	380	Single line 29.4 km
	Caorso - Carpi Fossoli	380	Single line 92.9 km
	Acciaiolio - Rosignano	380	Single line 24.0 km
	Ferrara Focomorto - Ferrara Nord	380	Single line 9.6 km
	Ferrara Nord - Ostiglia	380	Single line 42.7 km
	Gariglaino - Sparanise	380	Single line 27.7 km
	S.M.Capua Vetere - Sparanise	380	Single line 21.9 km
	Rumianca - Sulcis	220	Single line 53.1 km
	Grosio - Verderio	220	Single line 106.8 km
	S.M. Capua Vetere - Presenzano	220	Single line 47.9 km
	Capriati - S.M.Capua Vetere	220	Single line 56.9 km
	Other 220 kV lines	220	For a total of 75 km
	SAR.CO. (Sardinia-Corse)	150	Submarine 31.06 km AC link
	150/132 kV lines	150/132	22 lines
	Camporosso(IT)-Trinité Victor(FR)	220	Replaced the 220 kV tie-line Camporosso (IT) - Broc Carros (FR)
	Capacitor banks in 13 HV substations	n.a.	700 MVar
	New transformers	n.a.	3180 MVA
PL	Olsztyn – Olsztyn Matki	220	New single line, length 17.5 km
	Transformer in Olsztyn Matki	400/220	New transformer 330 MVA
PT	Rio Maior-Alto de Mira	400	Prolongation of pre-existent Rio Maior-Fanhões line to Alto de Mira substation with 69.9 km length
	Batalha-Pego	400	New single circuit line with 65.9 km
	Bodiosa-Paraimo	220	New double circuit line with one circuit installed, prepared for 400 kV but exploited at 220 kV, 62.7 km
	Derivation from Rio Maior-Trajouce to Fanhões substation	220	One circuit of a double circuit line with 16.5 km
	Cast.Branco-Ferro1&Cast.Branco-Ferro 2	220	New double circuit line with 2 x 55.0 km
	PST of Falagueira	400/150	New Phase-Shifter (450 MVA)
	Tunes-Estoi	150	New double circuit line with 54.1 km

Country	Name of line or equipment	Voltage in kV	Main characteristics
PT	Recarei-Paraimo & Paraimo-Batalha	400	Opening of pre-existent Recarei-Batalha line at Paraimo substation; single circuit lines with 85.3 & 101.5 km, respectively
	Sabóia-Portimão & Portimão-Tunes1	150	Opening of pre-existent Sabóia-Tunes line at Portimão substation; one circuit of a double circuit line with 35.1 and 27.9 km, respectively
	Sines-Portimão & Portimão-Tunes2	150	Opening of pre-existent Sines-Tunes 2 line at Portimão substation; one circuit of a double circuit line with 95.6 and 27.9 km, respectively
	Falagueira-Castelo Branco1 & Falagueira-Castelo Branco2	150	Prolongation to Castelo Branco of pre-existent Falagueira-Ródão1 & 2 lines; double line with 2x41.6km
	Gardunha-Castelo Branco	150	New single circuit line connecting to grid a wind farm power plant, with 31.9 km
	Recarei-Batalha & Batalha-Rio Maior3	400	Opening of pre-existent Recarei-Rio Maior 2 line at Batalha substation, single circuit lines with 182.6 and 41.9 km, respectively
	Penamacor-Ferro	220	New single circuit line connecting to grid a wind farm power plant with 24.9 km
	Vermoim-Custóias2	220	Put in service at 200 kV of a pre-existent line, prepared to 220 kV but previously used at 60 kV, with 6.6 km
	Bodiosa-Valdigem	220	New double circuit line with one circuit installed, prepared for 400 kV, but used at 220kV with 60.3 km
	Pego-Falagueira & Falagueira-Cedillo	400	Opening of pre-existent Pego-Cedillo line at Falagueira substation; single circuit lines with 40.7 and 26.4 km, respectively
RO	Brazi AT 2 200 MVA	220/110	New - 200 MVA
	Iernut Substation	400 + 200	Reinforcement
	Iernut AT 1 - 400 MVA	400/220	New - 400 MVA
	Slatina Substation	400	Reinforcement
	Slatina AT 1 - 400 MVA	400/220	New - 400 MVA
	Gutinas Substation	400	Reinforcement
	Fundeni AT 1 - 400 MVA	220/110	New - 400 MVA
	Gutinas AT 6 - 400 MVA	400/220	New - 400 MVA
	Brazi Vest Substation	400	Reinforcement
	Rosiori Substation	400 + 220	Reinforcement
	Brazi Vest AT 3 - 400 MVA	400/220	New - 400 MVA
	Rosiori AT - 400 MVA	400/220	New - 400 MVA
	Focsani AT 200 MVA	220/110	New - 200 MVA
	Mintia AT 4	400/220	New - 400 MVA
	Slatina AT 3 - 200 MVA	220/110	New - 200 MVA
SI	Okroglo TR 412	400/110	Transformer
SK	Transformer in Lemesany	400/110	350 MVA
	Transformer in Krizovany	400/110	350 MVA
	4 choke coils	33	45 MVar each



Reasons:

R4 Overload (also calculated brake)

R5 False operation

R6 Failure in protection device or other element

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

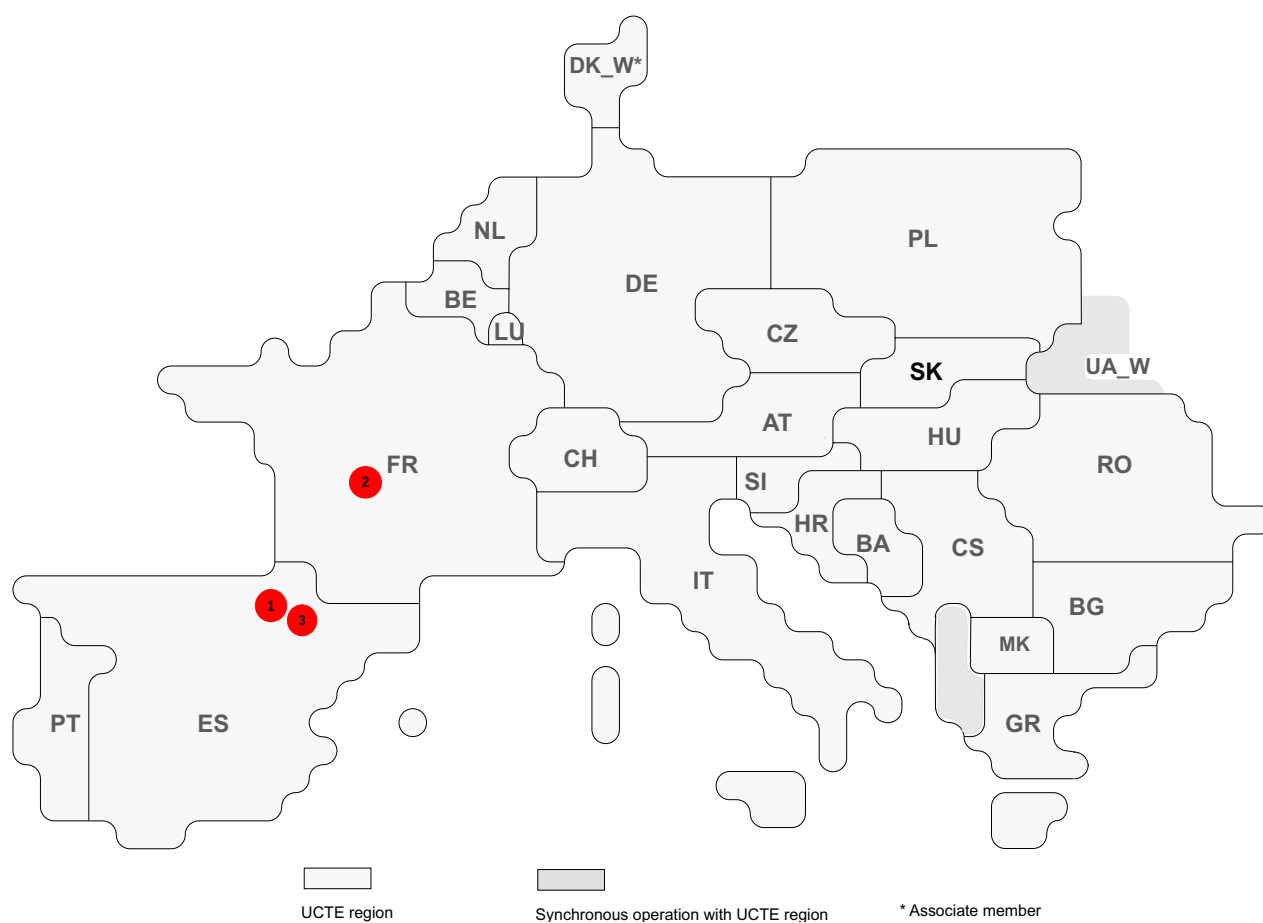
R8 Very exceptional conditions (weather, natural disaster, ...)

R9 Other reasons

R10 Unknown reasons

Nbr	Country	Substation	Reason	Energy not supplied [MWh]	Total loss of power [MW]	Restoration time [min]	Equivalent time of interruption ¹
1	CZ	Neznasov	R5	37	0	447	0,31
2	CZ	Nosovice	R7	11	0	3	0,09
3	CZ	Nosovice	R8	7	0	3	0,06
4	ES	Casares	R8	4	84	3	0,01

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



Reasons:

R4 Overload (also calculated brake)

R5 False operation

R6 Failure in protection device or other element

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

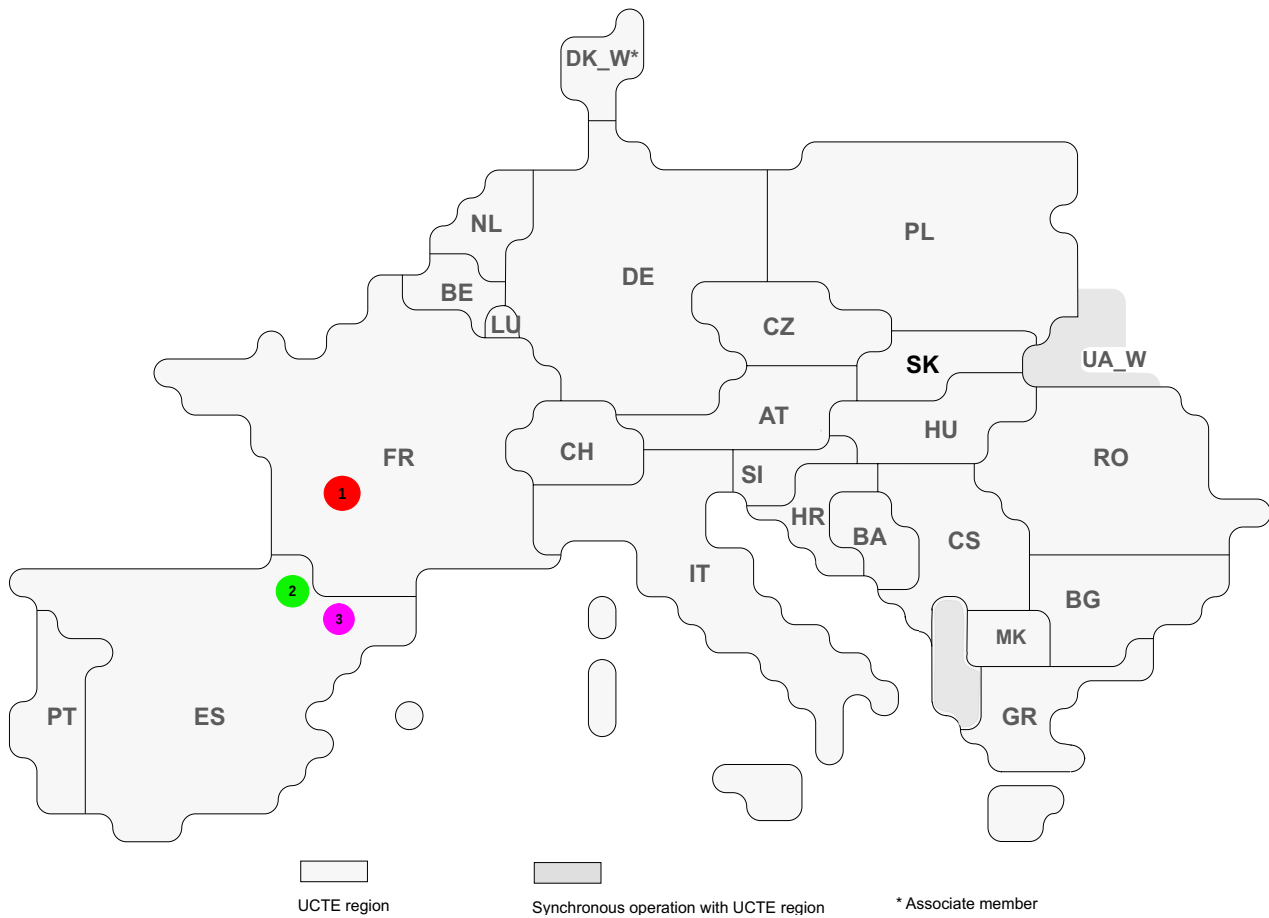
R8 Very exceptional conditions (weather, natural disaster, ...)

R9 Other reasons

R10 Unknown reasons

Nbr	Country	Substation	Reason	Energy not supplied [MWh]	Total loss of power [MW]	Restoration time [min]	Equivalent time of interruption ¹
1	ES	Caicedo	R6	394	316	75	0,82
2	FR	Bollene Specialise	R6	532	18	1773	0,58
3	ES	Caicedo	R6	4	12	19	0,01

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



Reasons:

R4 Overload (also calculated brake)

R5 False operation

R6 Failure in protection device or other element

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

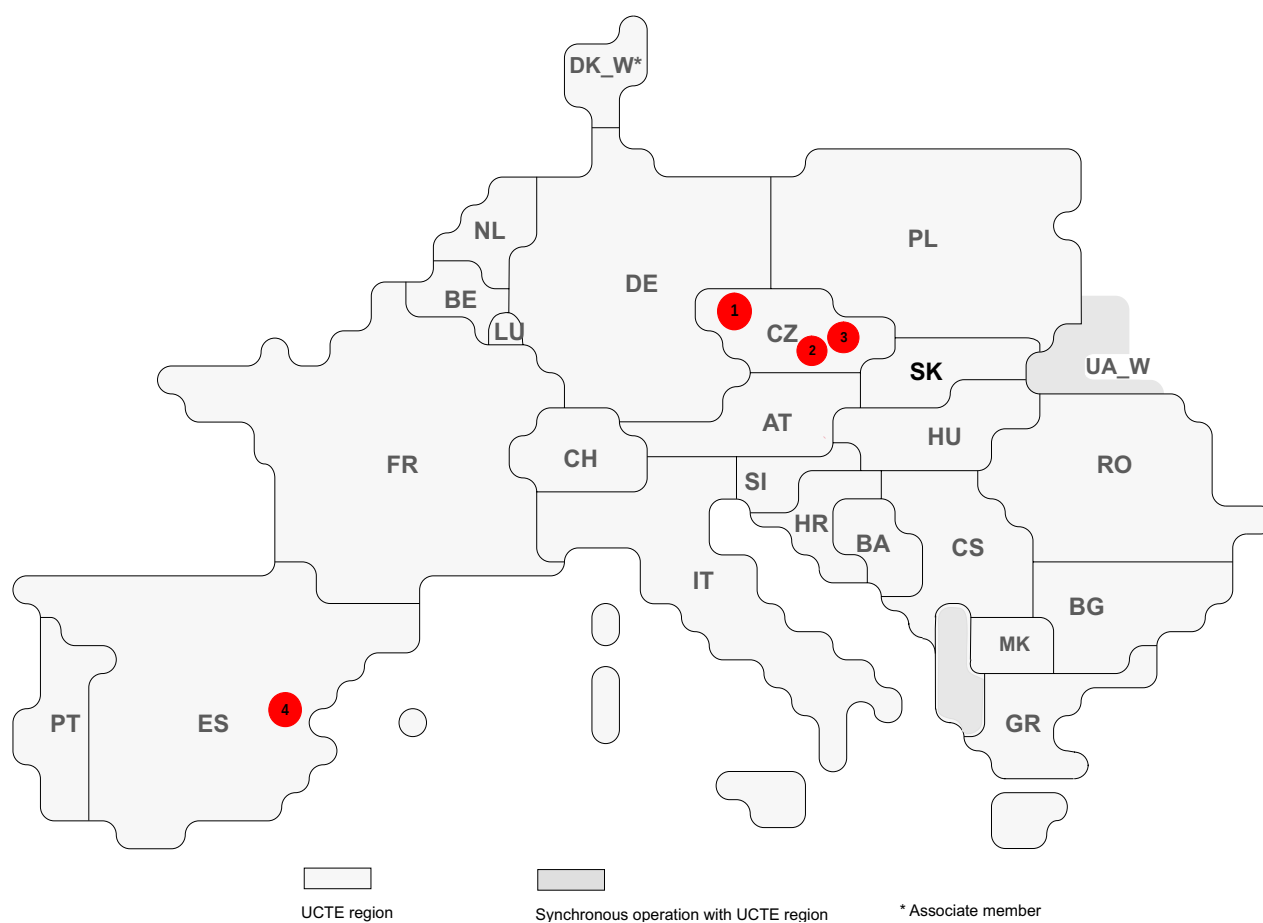
R8 Very exceptional conditions
(weather, natural disaster, ...)

R9 Other reasons

R10 Unknown reasons

Nbr	Country	Substation	Reason	Energy not supplied [MWh]	Total loss of power [MW]	Restoration time [min]	Equivalent time of interruption ¹
1	FR	Boisse	R6	34	66	31	0,04
2	ES	Sabinanigo	R8	7	4	109	0,01
3	ES	Eriste	R9	0	9	2	0,01

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



Reasons:

R4 Overload (also calculated brake)

R5 False operation

R6 Failure in protection device or other element

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

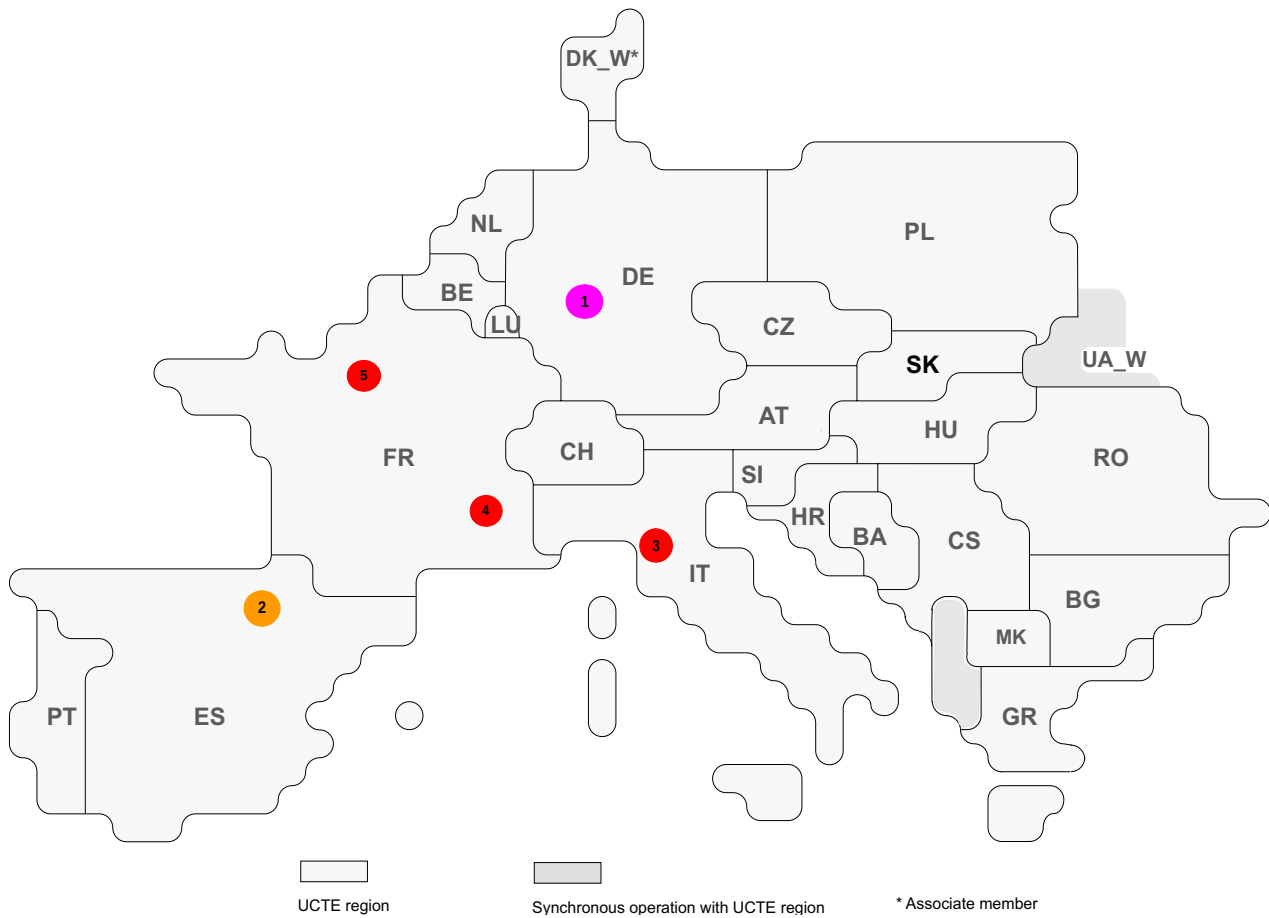
R8 Very exceptional conditions (weather, natural disaster, ...)

R9 Other reasons

R10 Unknown reasons

Nbr	Country	Substation	Reason	Energy not supplied [MWh]	Total loss of power [MW]	Restoration time [min]	Equivalent time of interruption ¹
1	CZ	Bezdecin	R5	19	0	8	0,16
2	CZ	Milin	R5	17	90	69	0,14
3	CZ	Cebin	R6	6	0	3	0,05
4	ES	La Pobla	R5	8	3	186	0,02

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



Reasons:

R4 Overload (also calculated brake)

R5 False operation

R6 Failure in protection device or other element

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

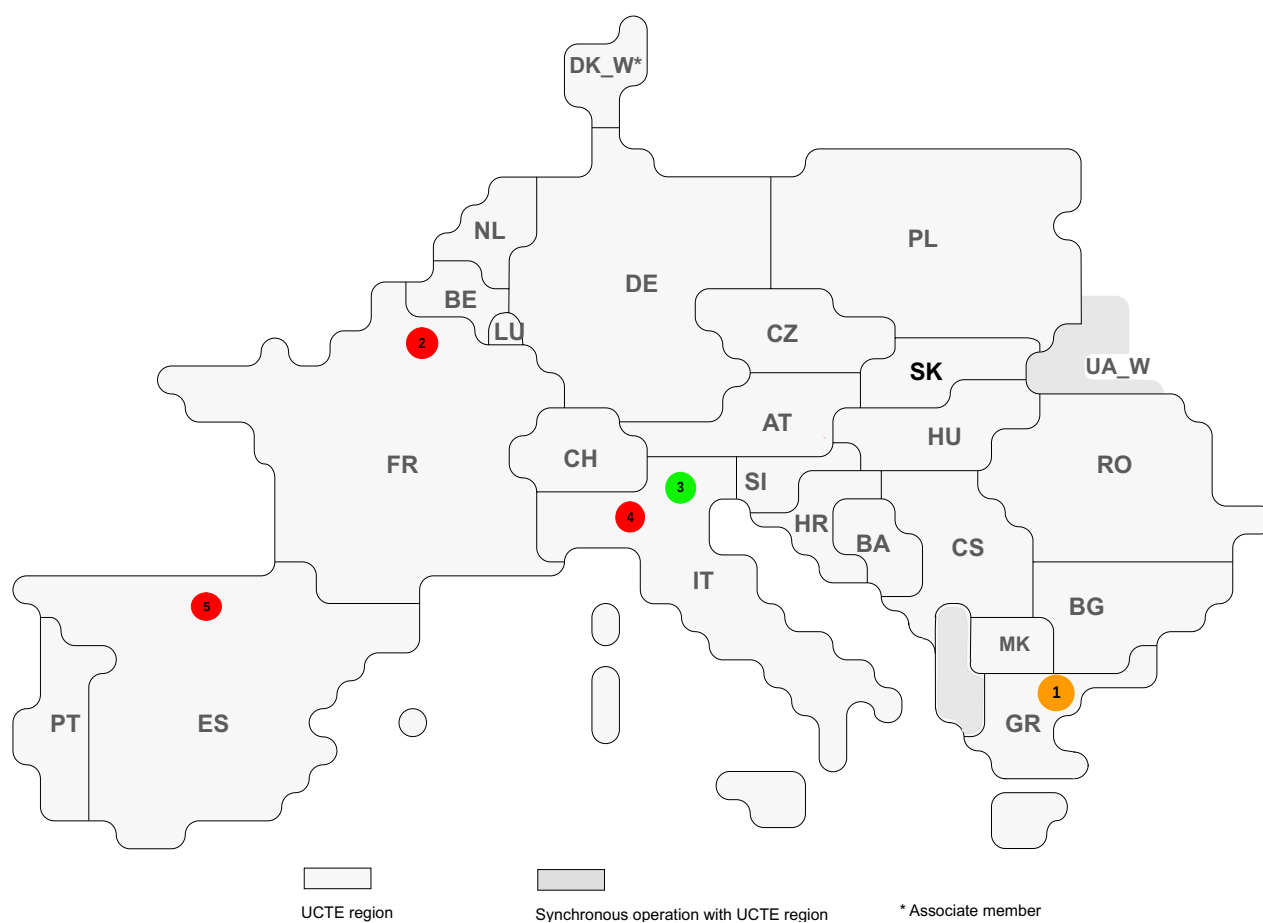
R8 Very exceptional conditions
(weather, natural disaster, ...)

R9 Other reasons

R10 Unknown reasons

Nbr	Country	Substation	Reason	Energy not supplied [MWh]	Total loss of power [MW]	Restoration time [min]	Equivalent time of interruption ¹
1	DE	Frimmersdorf	R10	398	135	177	0,37
2	ES	Montecillo Bajo	R4	8	6	75	0,02
3	IT	La Spezia	R6	8	83	6	0,01
4	FR	Plessis Gassot	R5	3	29	7	0,004
5	FR	Chevilly	R6	3	45	4	0,003

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

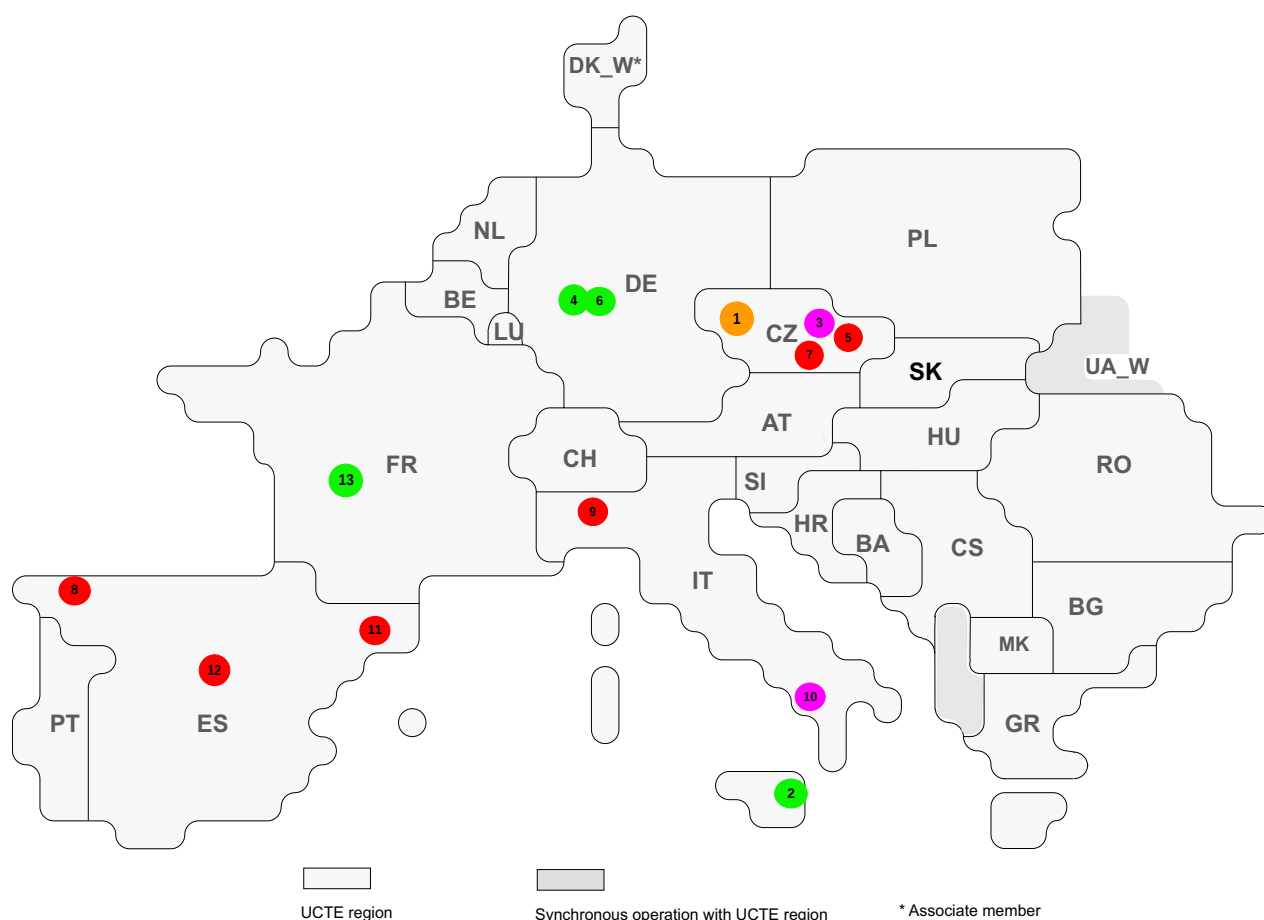


Reasons:

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

Nbr	Country	Substation	Reason	Energy not supplied [MWh]	Total loss of power [MW]	Restoration time [min]	Equivalent time of interruption ¹
1	GR	Thessaloniki	R4	493	740	40	4,83
2	FR	Warande	R6	47	80	44	0,05
3	IT	Somplago	R8	15	80	11	0,02
4	IT	Misterbianco-Sorgente	R6	13	200	4	0,02
5	ES	Aguayo	R6	3	49	4	0,01

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



Reasons:

R4 Overload (also calculated brake)

R5 False operation

R6 Failure in protection device or other element

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

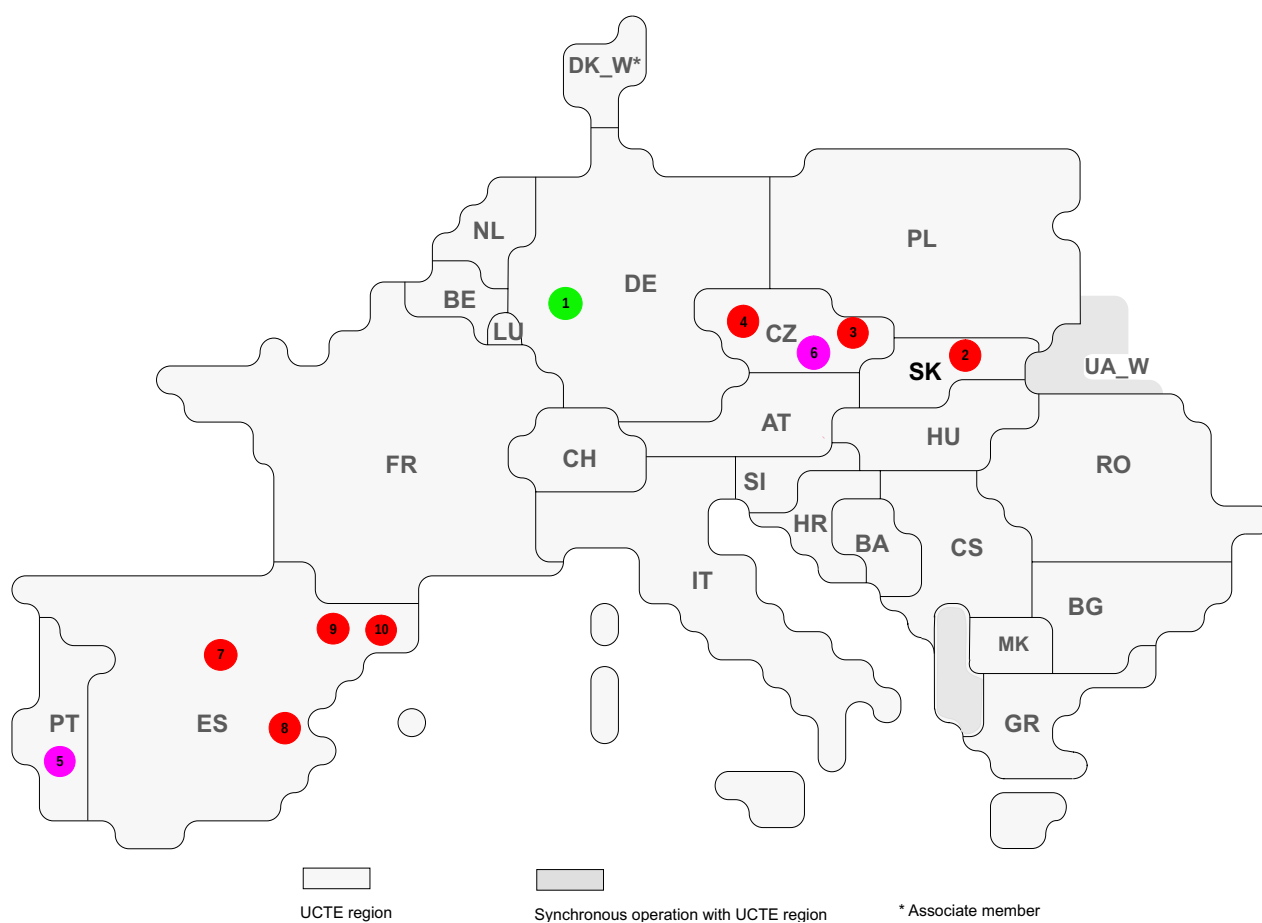
R8 Very exceptional conditions (weather, natural disaster, ...)

R9 Other reasons

R10 Unknown reasons

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	R4	3350	3000	242	27,40
2	IT	Priolo Gargallo	R8	784	244	184	1,23
3	CZ	Krasikov	R9	22	0	17	0,18
4	DE	Gersteinwerk	R8	187	350	32	0,18
5	CZ	Krasikov	R6	2	0	16	0,16
6	DE	Gersteinwerk	R8	160	300	32	0,15
7	CZ	Sokolnice	R6	11	28	5	0,09
8	ES	Sabon	R6	44	155	17	0,09
9	IT	Villavalle	R5	43	124	21	0,07
10	IT	Nocera	R9	39	15	156	0,06
11	ES	Castellbisbal	R6	26	198	8	0,05
12	ES	Fuencarral	R6	6	29	7	0,01
13	FR	Plaisance	R8	7	29	15	0,01

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



Reasons:

R4 Overload (also calculated brake)

R5 False operation

R6 Failure in protection device or other element

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

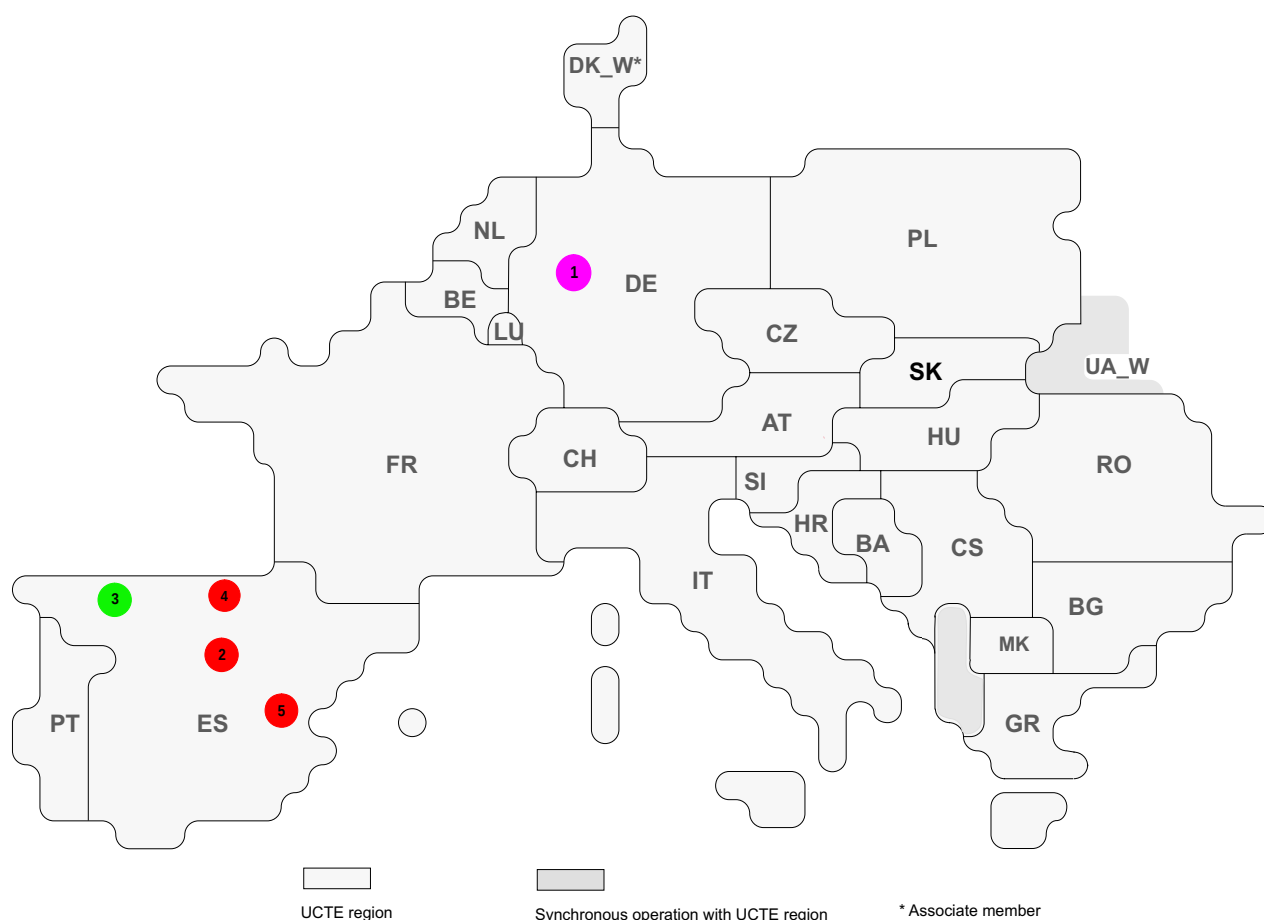
R8 Very exceptional conditions (weather, natural disaster, ...)

R9 Other reasons

R10 Unknown reasons

Nbr	Country	Substation	Reason	Energy not supplied [MWh]	Total loss of power [MW]	Restoration time [min]	Equivalent time of interruption ¹
1	DE	Rommerskirchen	R8	665	950	42	0,62
2	SK	Sucany	R6	8	61	487	0,15
3	CZ	Nosovice	R5	12	181	3	0,09
4	CZ	Mirovka	R5	10	0	6	0,08
5	PT	Rio Maior	R9	6	0	3	0,06
6	CZ	Sokolnice	R9	6	1400	33	0,05
7	ES	Hortaleza	R5	4	50	5	0,01
8	ES	Alcira	R6	3	17	12	0,01
9	ES	Menquienza	R6	2	11	10	0,003
10	ES	Vpenedes	R6	1	18	4	0,003

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



Reasons:

R4 Overload (also calculated brake)

R5 False operation

R6 Failure in protection device or other element

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

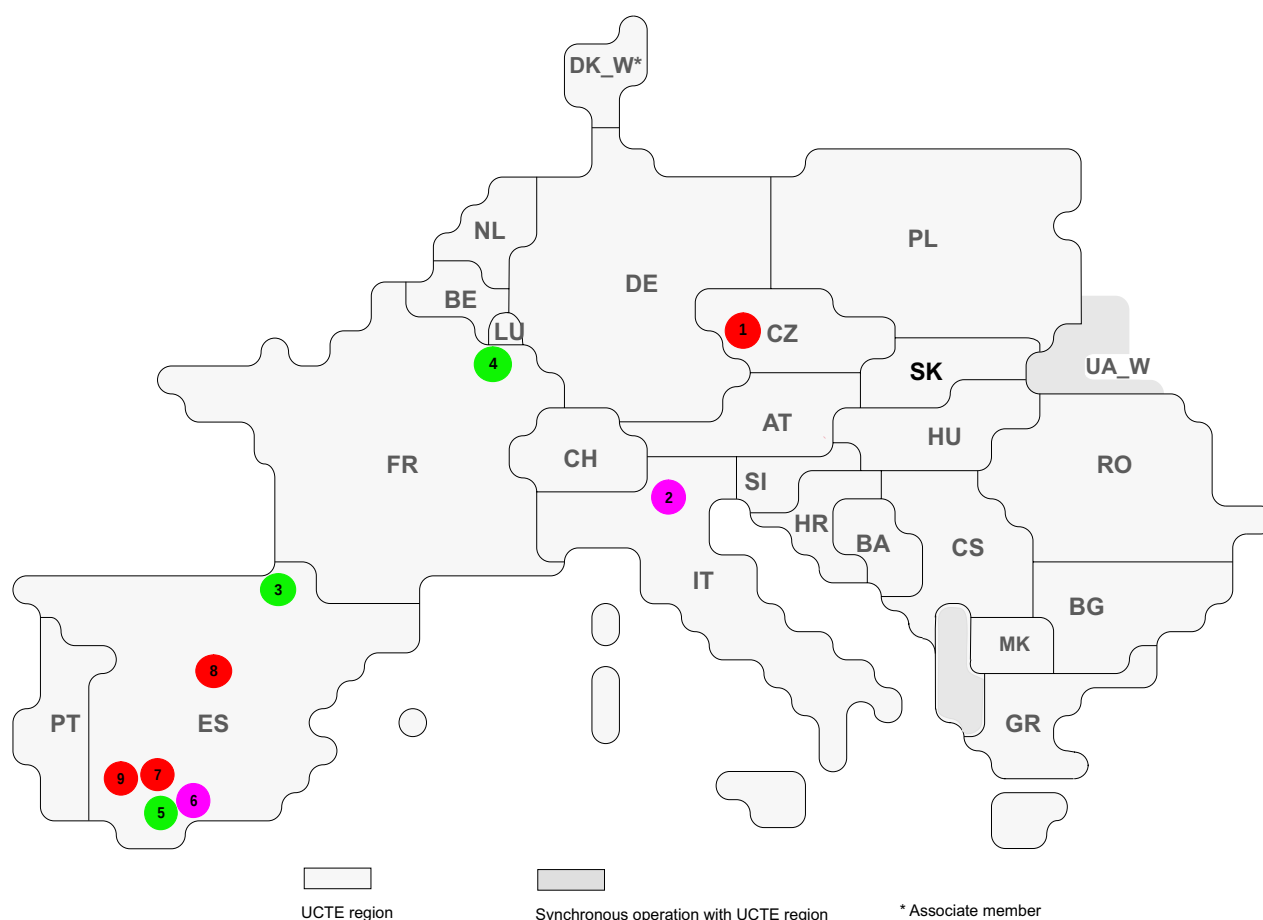
R8 Very exceptional conditions
(weather, natural disaster, ...)

R9 Other reasons

R10 Unknown reasons

Nbr	Country	Substation	Reason	Energy not supplied [MWh]	Total loss of power [MW]	Restoration time [min]	Equivalent time of interruption ¹
1	DE	Kusenhorst	R10	216	360	36	0,20
2	ES	Morata	R5	12	36	21	0,03
3	ES	Meson	R7	1	5	14	0,002
4	ES	Barrios	R5	1	9	6	0,002
5	ES	Ribarroja	R5	1	3	11	0,001

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

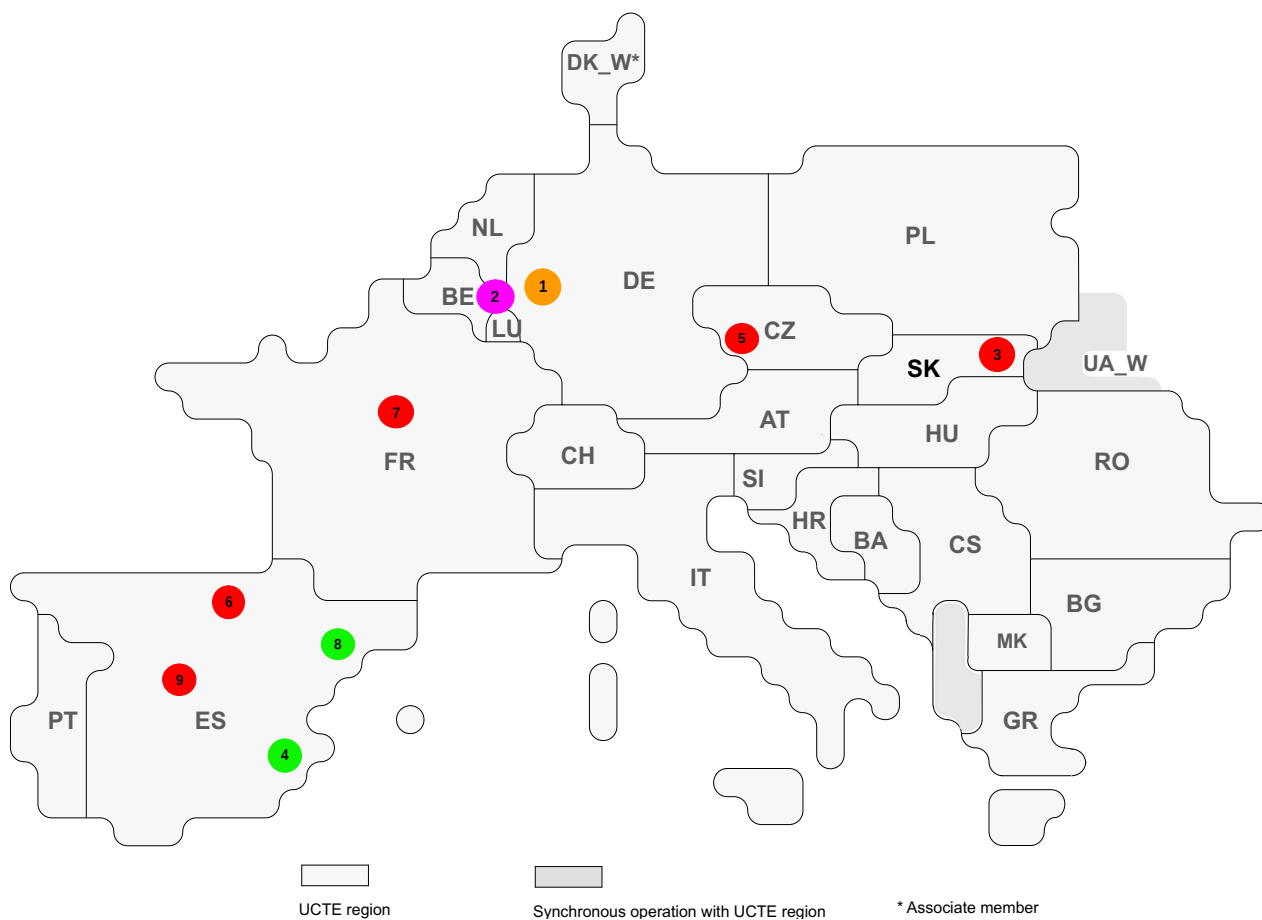


Reasons:

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

Nbr	Country	Substation	Reason	Energy not supplied [MWh]	Total loss of power [MW]	Restoration time [min]	Equivalent time of interruption ¹
1	CZ	Neznasov	R6	400	232	77	3,25
2	IT	Fiumesanto	R10	34	74	47	0,05
3	ES	Mondragon	R7	26	40	39	0,05
4	FR	Petite Rosselle	R7	28	50	108	0,03
5	ES	Casares	R8	3	6466	3	0,01
6	ES	Casares	R10	3	5902	3	0,01
7	ES	Costasol	R5	2	383	3	0,00
8	ES	Lucero	R5	2	22	5	0,004
9	ES	Costasol	R5	1	478	2	0,002

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



Reasons:

R4 Overload (also calculated brake)

R5 False operation

R6 Failure in protection device or other element

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

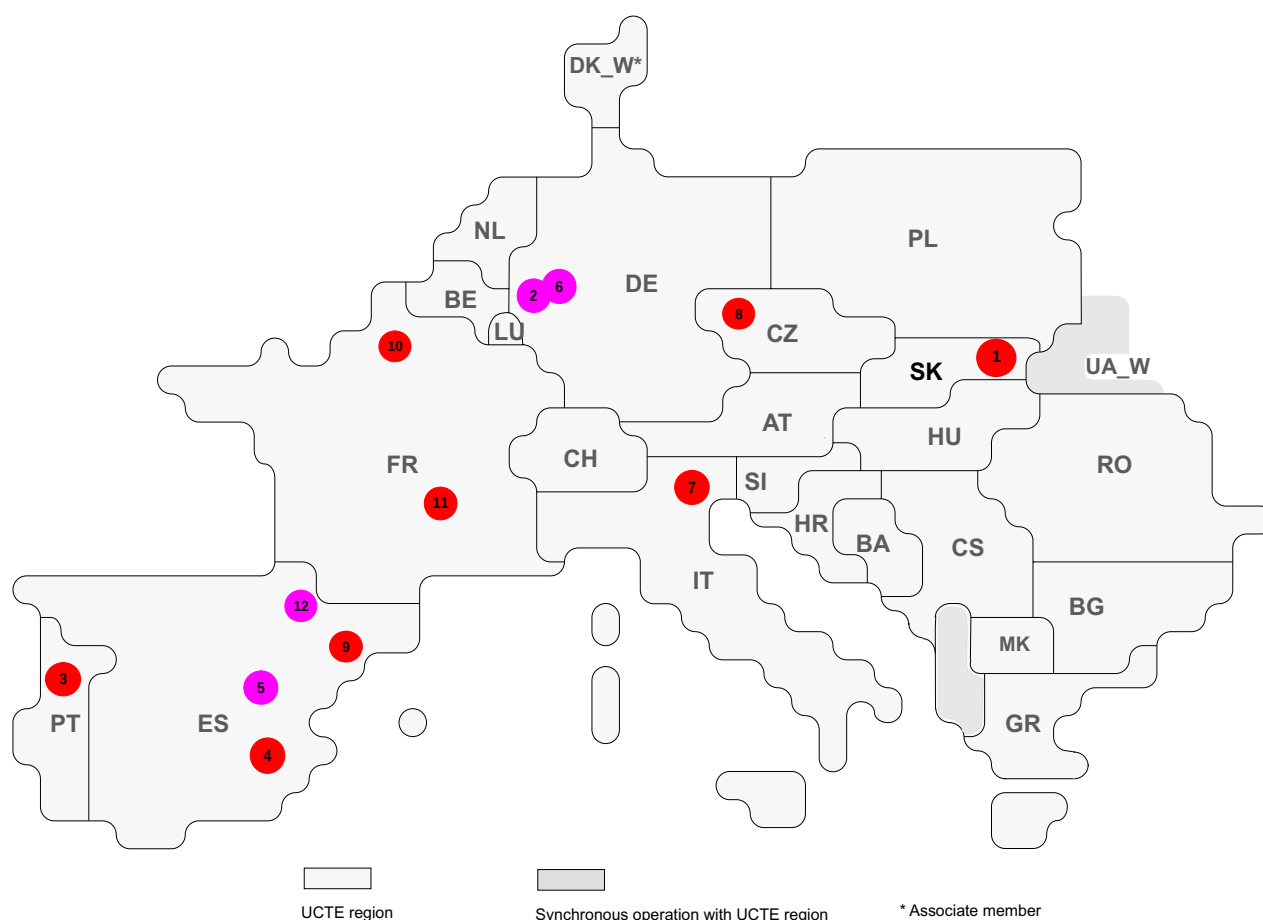
R8 Very exceptional conditions (weather, natural disaster, ...)

R9 Other reasons

R10 Unknown reasons

Nbr	Country	Substation	Reason	Energy not supplied [MWh]	Total loss of power [MW]	Restoration time [min]	Equivalent time of interruption ¹
1	DE	Landesbergen	R4	6000	16724	37	5,62
2	BE	Landsbergen (DE)	R9	813	800	61	4,74
3	SK	Lemesany	R5	217	230	38	4,18
4	ES	Escombreras	R8	186	725	51	0,38
5	CZ	Babylon	R6	30	500	11	0,25
6	ES	Villimar	R6	15	12	75	0,03
7	FR	Chatillon	R6	23	56	5414	0,03
8	ES	Oriol	R8	7	10	44	0,01
9	ES	Lucero	R5	4	27	9	0,01

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



Reasons:

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

Nbr	Country	Substation	Reason	Energy not supplied [MWh]	Total loss of power [MW]	Restoration time [min]	Equivalent time of interruption ¹
1	SK	Moldava	R6	45	143	19	0,87
2	DE	Herne	R10	215	260	49	0,20
3	PT	Siderurgia do Seixal - Longos	R6	16	0	107	0,17
4	ES	La Fortunada	R6	77	153	302	0,16
5	ES	Coln	R9	57	20	90	0,11
6	DE	Herne	R10	100	260	23	0,09
7	IT	Pordenone	R6	38	100	23	0,06
8	CZ	Nosovice	R5	5	0	2	0,04
9	ES	Sidmed	R6	9	8	64	0,02
10	FR	Caulaincourt	R6	9	91	6	0,01
11	FR	Cornier	R6	2	9	10	0,002
12	ES	Oriol	R10	1	89	4	0,001

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

Inventory									
Country	Conventional thermal units						Nuclear thermal units		
	10 MW ≤ x < 200 MW		200 MW ≤ x < 400 MW		≥ 400 MW		Total		MW
	Number	MW	Number	MW	Number	MW	Number	MW	
AT ³	57	2941	9	2796	0	0	66	5737	0
BA ¹	9	512	6	1445	0	0	15	1957	0
BE ¹	71	3228	12	3566	3	1380	86	8174	5802
BG	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
CH	17	282	0	0	0	0	17	282	3220
CS ⁵	14	1104	15	4056	2	1240	31	6400	0
CZ	171	9659	0	0	1	460	172	10119	3537
DE ²	403	23572	66	20178	47	27749	516	71499	20300
ES	618	17500	55	18934	21	12109	694	48543	7458
FR	315	7308	22	5428	16	9640	353	22376	63260
GR	24	2487	19	5502	0	0	43	7989	0
HR ⁴	24	1137	2	508	0	0	26	1645	0
HU ⁵	54	2552	14	2918	0	0	68	5470	1755
IT	1653	19329	85	27547	31	19324	1769	66200	0
LU	0	0	1	385	0	0	1	385	0
MK ⁴	2	301	3	606	0	0	5	907	0
NL	95	3887	19	5783	14	8177	128	17847	485
PL	229	12955	63	15417	2	1008	294	29380	0
PT ⁵	31	1598	16	4888	0	0	47	6486	0
RO	96	6103	14	4004	0	0	110	10107	655
SI ⁴	2	267	1	312	1	676	4	1255	670
SK	23	2055	1	214	0	0	24	2269	2640
UCTE ⁶	3908	118777	423	124487	138	81763	4469	325027	109782
DK_W	31	899	8	2776	1	626	40	4301	0
UA_W ⁵	16	2500	0	0	0	0	16	2500	0

¹ The conventional thermal units include units that fire biomass or waste.⁴ Values on conventional thermal units as of 31 December 2004² Values on conventional thermal units as of 31 December 2000⁵ Values on conventional thermal units as of 31 December 2005⁶ Except Bulgaria

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	2	175	0	0	4	162	0	0
BG	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
CH	0	0	0	0	0	0	0	0
CS	0	0	0	0	0	0	0	0
CZ	0	0	0	0	0	0	0	0
DE	0	0	0	0	0	0	0	0
ES	6	3073	0	0	0	0	1	142
FR	1	13	0	0	8	804	0	0
GR	1	378	0	0	0	0	0	0
HR	0	0	0	0	0	0	0	0
HU	0	0	0	0	0	0	0	0
IT	19	4036	0	0	88	186	0	0
LU	0	0	0	0	0	0	0	0
MK	0	0	0	0	0	0	0	0
NL	0	0	0	0	0	0	0	0
PL	2	98	0	0	0	0	0	0
PT	0	0	0	0	0	0	0	0
RO	1	130	0	0	5	295	0	0
SI	0	0	0	0	0	0	0	0
SK	0	0	0	0	0	0	0	0
UCTE ²	32	7903	0	0	105	1447	1	142
DK_W	0	0	0	0	0	0	0	0
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

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	95	4	144	0	0	6	1164	37	1403
BG	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
CH	182	649	100	2438	40	2705	36	7429	358	13221
CS ⁴	11	30	37	870	8	583	11	2014	67	3497
CZ	56	207	6	212	6	484	6	1100	74	2003
DE ¹	234	898	78	1648	14	1026	15	4841	341	8413
ES	480	1628	134	3027	43	2967	38	11071	695	18693
FR	524	1659	187	4473	40	2943	61	15919	812	24994
GR ³	27	84	3	63	2	120	11	2846	43	3113
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	619	2033	247	5394	29	1960	42	11601	937	20988
LU	3	20	1	11	0	0	1	1096	5	1127
MK ³	22	36	3	73	3	265	1	150	29	524
NL	0	0	3	35	0	0	0	0	3	35
PL	64	186	4	80	3	228	5	1688	76	2182
PT ⁴	90	416	37	882	33	2204	8	1395	168	4897
RO	156	881	93	2479	17	1093	11	2004	277	6457
SI ³	1	8	11	288	5	319	2	230	19	845
SK	29	176	36	700	10	820	6	734	81	2430
UCTE ⁵	2767	9781	1122	26254	291	20436	301	73903	4481	130374
DK_W	3	10	0	0	0	0	0	0	3	10
UA_W	3	27	0	0	0	0	0	0	3	27

¹ Values as of 31 December 2000² Values as of 31 December 2003³ Values as of 31 December 2004⁴ Values as of 31 December 2005⁵ Except Bulgaria

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	0	0	0	0
CS	0	0	0	0
CZ	0	0	0	0
DE	0	0	0	0
ES	7	46	0	0
FR	0	0	0	0
GR	6	6	0	0
HR	0	0	0	0
HU	0	0	0	0
IT	41	77	5	18
LU	0	0	0	0
MK	0	0	0	0
NL	0	0	0	0
PL	3	5	0	0
PT	0	0	0	0
RO	2	10	0	0
SI	0	0	0	0
SK	0	0	0	0
UCTE¹	59	144	5	18
DK_W	0	0	0	0
UA_W	0	0	0	0

¹ Except Austria and Bulgaria

UCTE-TERMINOLOGY

4

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 "Services / Statistical Terms" on the mentioned chapters.

Explanations to the UCTE Power Balance / System Adequacy (Table 8a and Table 8b) are also available on the UCTE website under "Services / System Adequacy Terms (SAT)".

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