

A decorative graphic consisting of four overlapping circles in shades of purple and blue, and a thin yellow arc that curves from the top right towards the bottom left, passing behind the text.

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OPERATION AND PHYSICAL EXCHANGE BALANCE PER COUNTRY FOR THE YEARS 1998, 2007, 2008

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Third countries	1998	2007	2008
Bulgaria (BG)	BG		
Czech Republic (CZ)	CZ		
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Poland (PL)	PL		
Romania (RO)	RO		
Slovak Republic (SK)	SK		
Denmark West (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 Denmark West represents the Western part of Denmark synchronously interconnected with UCTE (Jutland and Funen); from June 2007 full member of the UCTE association

² FYROM = Former Yugoslav Republic of Macedonia

³ Generation and load values are operational data

⁴ The country code UCTE represents the ENTSO-E Regional Group Continental Europe (former all countries of the Union for the Co-ordination of Transmission of Electricity)

⁵ 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 generation (national values)

Fossil fuels net generation (national values)

Hydraulic net generation (national values)

Other renewable net generation (national values)

- of which wind

Non-identifiable net generation (national values)

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

Physical import

Physical export

Total physical import/export balance,
described as index 2.15 of the statistical Terminology ¹

Consumption of pumps

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

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

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

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

Time of the highest load on the 3rd Wednesday

Power produced in parallel operation on the 3rd Wednesday at 11:00 a.m.
(collected and published until year 2006)

Physical exchanges in interconnected operation:

The exchanges CS, HR and SI in the year 1998 are corresponded to the historical country code YUGO and SIHR.

¹ The imports/exports refer to values, that take into account the physical exchanges on the cross-frontier transmission lines, but in addition also: - exchange values on lines ≤ 110 kV outside of the interconnected transmission system.
- on the other hand values resulting with regard to international contracts (water claim).

For presenting the operation of the interconnected transmission system only interconnected transmission lines, which are registered in these terms, are taken into consideration.

Overview UCTE in figures 2008

Countries		AT ¹	BA	BE	BG	CH	CZ	DE	DK_W	ES	FR	GR
Net production "All values are calculated to represent 100% of the national values"												
Nuclear power	GWh	0	0	43357	14759	26132	25016	141074	0	56482	418298	0
Fossil fuels	GWh	21553	8668	31269	22594	2121	49447	356366	15910	162892	53262	46717
Hydro power	GWh	36861	4552	1743	3202	37559	2367	23473	27	25380	67960	3298
Other renewable	GWh	0	0	4275	0	1155	257	66370	6804	40631	9595	1878
- of which wind power	GWh	0	0	627	0	24	242	40429	5209	31267	5557	1662
Non-identifiable	GWh	8358	0	0	0	0	0	0	0	297	0	0
Total net generation	GWh	66772	13220	80644	40555	66967	77087	587283 ²	22741	285681	549115	51893

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

Consumption	GWh	68378	11575	89462	34453	64434 ³	65141	557162	21712	270913	494499	56310
Transmission network losses percentage consumption	%											

Highest load on the 3rd Wednesday "All values are calculated to represent 100% of the national values"

Highest load	MW	9149	1894	13300	6771	9858	9804	82231	3664	42588	84239	9007
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Net generation capacity as of 31 December 2008 "All values are identical with the national values and their representativity"

NGC Nuclear power	MW	0	0	5825	2000	3220	3537	20300	0	7465	63260	0
NGC Fossil fuels	MW	6344	1957	8335	6523	355	10578	72300	5049	44074	24718	8375
NGC Hydro power	MW	11853	2064	1412	2993	13475	2175	9700	9	19024	25392	3177
NGC Renewable energy sources	MW	985	0	1147	113	328	190	32400	2774	19706	4283	940
NGC Other sources	MW	0	0	0	0	212	0	0	0	85	0	0
NGC Total	MW	19182	4021	16719	11629	17590	16480	134700	7832	90354	117653	12492
Representativity of the values	%	100	100	100	99,9	100	100	100	100	100	100	100

¹ Net generating capacity data are the official values from E-Control as of 31 December 2006.

² Electricity generation and consumption also comprise shares of generation from industry's own power stations and feed-in from private generators (total of 12 monthly values).

The part of net electricity generation relevant to primary control power amounts to 553,9 TWh.

³ Calculations based on the UCTE database differ from the official values from the Swiss Federal Office of Energy.

⁴ Energy from co-firing (biomass combustion in lignite/hard coal power stations) is classified as energy from fossil fuels installation.

⁵ Only energy from 100% renewable installations (e.g. wind farms, biogas) is classified as energy from renewable (co-firing is not included).

Percentage as referred to the national values

Countries		AT	BA	BE	BG	CH	CZ	DE	DK_W	ES	FR	GR
Nuclear power	%	100	100	100	100	100	100	100	100	100	100	100
Fossil fuels	%	100	100	100	100	100	100	100	100	97	100	100
Hydro power	%	100	100	100	100	100	100	100	100	100	100	100
Other renewable	%	100	100	100	100	100	100	100	100	95	100	100
Non-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	91	100	98	100	100

Overview UCTE in figures 2008

HR	HU	IT	LU	ME	MK	NL	PL	PT	RO	RS	SI	SK	UCTE	UA_W
0	13967	0	0	0	0	3933	0	0	10329	0	5970	15483	774800	0
6090	19375	250266	2379	1155	4982	91451	140812 ⁴	28929	32636	29383	4838	7288	1390383	8094
5284	208	46695	947	1536	881	102	2668	7100	16794	10020	3506	4306	306469	153
44	1460	10248	153	0	0	8866	948 ⁵	7358	11	0	0	311	160364	0
41	181	4852	61	0	0	4250	796	5696	11	0	0	7	100912	0
0	2372	0	0	0	0	0	0	0	0	0	0	0	11027	0
11418	37382	307209	3479	2691	5863	104352	144428	43387	59770	39403	14314	27388	2643042	8247

17861	41284	339481	6674	4583	8643	120194	142852	52177	55217	38982	12686	27635	2602308	4155
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2839	6286	52632	1052	715	1431	17712	21901	8857	8439	6520	1918	4275	392362	944
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0	1822	0	0	0	0	485	0	0	1300	0	700	2200	112114	0
1700	5360	72723	498	210	907	21702	29709	6829	9431	5524	1315	2714	347230	2347
2007	50	21275	1128	660	503	37	2327	4963	5843	2831	879	2478	136255	27
55	518	4627	80	0	0	3036	473	3131	7	0	0	61	74854	0
0	791	0	0	0	0	0	0	0	0	0	0	0	1088	0
3762	8541	98625	1706	870	1410	25260	32509	14923	16581	8355	2894	7453	671541	2374
100	100	100	100	100	100	100	100	97	100	100	100	100		100

HR	HU	IT	LU	ME	MK	NL	PL	PT	RO	RS	SI	SK	UA_W
100	100	100	100	100	100	100	100	100	100	100	100	100	100
100	100	100	100	100	100	100	100	94	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	100	100	100	100	97	100	100	100	100	100
100	100	100	100	100	100	100	100	97	100	100	100	100	100

			I-XII	
			1998	2007
Thermal nuclear net generation	GWh	Σ	1998 2007 2008	0 0 0
Fossil fuels net generation	GWh	Σ	1998 2007 2008	12411 20983 21553
Hydraulic net generation	GWh	Σ	1998 2007 2008	35967 34793 36861
Other renewable net generation ¹	GWh	Σ	2007 2008	0 0
- of which wind	GWh	Σ	2007 2008	0 0
Non-identifiable net generation ¹	GWh	Σ	2007 2008	8031 8358
Total net electrical energy generation calculated to represent 100% of the national values	GWh	Σ	1998 2007 2008	56384 63807 66772
Physical import	GWh	Σ	1998 2007 2008	10439 23979 22033
Physical export	GWh	Σ	1998 2007 2008	10871 17067 16528
Total physical import/export balance	GWh	Σ	1998 2007 2008	-289 6618 4879
Consumption of pumps	GWh	Σ	1998 2007 2008	1574 2986 3273
National electrical consumption, calculated to represent 100% of the national values	GWh	Σ	1998 2007 2008	54521 67439 68378
Consumption load 3:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1998 2007 2008	6154 6749 6339
Consumption load 11:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1998 2007 2008	8876 8914 8917
Highest load on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1998 2007 2008	9019 9365 9149
Time of highest load on the 3rd Wednesday		CET	1998 2007 2008	18:00 18:00 18:00
Power produced in parallel operation on the 3rd Wednesday at 11:00 a.m.	MW	max.	1998	8442

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
	1873	1866	1632	771	389	299	342	535	664	888	1344	1808
	2100	1911	1632	1313	819	1271	1450	1365	1566	2502	2523	2531
	2463	2387	2007	1499	912	991	1282	1347	1907	2320	2174	2264
	2265	1757	2325	2789	3296	3709	3918	3284	3431	3304	3157	2732
	2361	2242	2833	2762	3153	3203	3511	3121	3505	2875	2655	2572
	2384	2135	2877	3129	4016	4149	4240	3948	2828	2481	2246	2428
	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0
	787	507	649	655	752	588	701	574	762	618	863	575
	674	566	686	701	762	689	711	713	631	611	712	902
	4810	4212	4655	4188	4334	4659	4952	4492	4761	4931	5172	5218
	5248	4660	5114	4730	4724	5062	5662	5060	5833	5995	6041	5678
	5521	5088	5570	5329	5690	5829	6233	6008	5366	5412	5132	5594
	1059	977	1038	1068	825	576	665	814	805	801	759	1052
	2818	2313	2462	2235	2058	1517	1419	1452	1413	1772	2025	2495
	2620	2407	2363	1968	1468	1064	1017	1072	1391	1952	2234	2477
	749	634	692	794	841	959	1066	1031	991	921	1048	1145
	1430	1189	1417	1526	1272	1080	1422	1118	1758	1613	1696	1546
	1414	1312	1585	1495	1452	1304	1605	1637	932	1104	1179	1509
	321	369	331	247	-41	-387	-486	-227	-199	-122	-191	96
	1299	1084	997	661	776	457	11	340	-296	122	267	900
	1109	987	710	469	22	-238	-582	-570	397	749	952	874
	49	32	51	96	147	214	286	192	249	135	64	59
	281	224	215	197	202	320	332	221	206	252	250	286
	274	196	216	195	349	246	203	194	279	397	322	402
	5082	4549	4935	4339	4146	4058	4180	4073	4313	4674	4917	5255
	6266	5520	5896	5194	5298	5199	5341	5179	5331	5865	6058	6292
	6356	5879	6064	5603	5363	5345	5448	5244	5484	5764	5762	6066
	5886	5212	5209	4950	4548	4301	4228	4337	4653	5223	5997	6154
	6042	5981	5994	5118	5091	5246	5209	4658	5254	5582	6275	6749
	6118	6339	5998	5570	5092	5135	5086	4977	5281	5307	6020	5833
	8381	7798	7955	7757	7459	7541	7418	7687	7906	8536	8635	8876
	8522	8459	8433	7770	7746	7822	7890	5755	7626	8067	8780	8914
	8917	8496	8442	7914	7883	7844	7798	7880	8011	8123	8782	8627
	8465	7801	7955	7757	7564	7618	7541	7803	7947	8536	9019	9009
	8782	8535	8524	7890	7877	7934	8054	5908	7766	8101	9083	9365
	9149	8687	8586	8039	8060	7961	7975	8108	8149	8208	8997	8868
	10:00	19:00	11:00	11:00	12:00	12:00	12:00	12:00	12:00	11:00	18:00	18:00
	18:00	19:00	12:00	12:00	12:00	12:00	12:00	12:00	12:00	12:00	18:00	18:00
	18:00	19:00	12:00	12:00	12:00	12:00	12:00	12:00	12:00	12:00	18:00	18:00
	7684	6739	7657	8121	6910	8371	8442	7850	7906	7506	8173	7427

Physical exchanges in interconnected operation ¹

MM_YY	Export (-)								Import (+)								Balance	
	AT→CH	AT→CZ	AT→DE	AT→HU	AT→IT	AT→SI	UCTE_EXP	Total_EXP	CH→AT	CZ→AT	DE→AT	HU→AT	IT→AT	SI→AT	UCTE_IMP	Total_IMP	AT_UCTE	AT_Total
I.98	232	1	267	23	133	93	725	749	16	255	727	58	0	3	746	1059	21	310
II.98	151	26	219	23	103	112	585	634	28	211	692	46	0	0	720	977	135	346
III.98	164	4	244	5	123	152	683	692	35	229	676	98	0	0	711	1038	28	343
IV.98	282	2	194	2	139	175	790	794	5	211	730	122	0	0	735	1068	-55	274
V.98	216	0	240	7	136	242	834	841	17	259	454	95	0	0	471	825	-363	-16
VI.98	161	5	421	10	146	216	944	959	43	188	293	52	0	0	336	576	-608	-383
VII.98	195	3	428	6	166	268	1057	1066	27	222	335	77	0	4	366	665	-691	-401
VIII.98	331	5	398	7	115	175	1019	1031	5	281	438	75	0	15	458	814	-561	-217
IX.98	270	7	410	2	130	172	982	991	8	172	404	220	0	1	413	805	-569	-186
X.98	252	3	426	11	142	87	907	921	15	263	387	126	0	10	412	801	-495	-120
XI.98	364	9	400	9	147	119	1030	1048	3	186	436	121	0	13	452	759	-578	-289
XII.98	437	2	307	1	152	246	1142	1145	1	273	593	185	0	0	594	1052	-548	-93
1998	3055	67	3954	106	1632	2057	10698	10871	203	2750	6165	1275	0	46	6414	10439	-4284	-432
I.07	906	0	227	104	121	72	1430	1430	0	752	1939	20	0	107	2818	2818	1388	1388
II.07	695	0	220	91	109	74	1189	1189	0	593	1594	30	0	96	2313	2313	1124	1124
III.07	860	0	268	76	125	88	1417	1417	0	725	1635	27	0	75	2462	2462	1045	1045
IV.07	880	0	276	88	118	164	1526	1526	0	750	1437	17	0	31	2235	2235	709	709
V.07	632	0	316	63	129	132	1272	1272	2	761	1193	77	0	25	2058	2058	786	786
VI.07	360	6	370	132	111	101	1080	1080	10	519	945	5	0	38	1517	1517	437	437
VII.07	401	4	488	243	139	147	1422	1422	5	590	806	1	0	17	1419	1419	-3	-3
VIII.07	304	2	408	160	98	146	1118	1118	13	564	859	4	0	12	1452	1452	334	334
IX.07	721	7	518	186	128	198	1758	1758	0	349	1054	5	0	5	1413	1413	-345	-345
X.07	683	4	501	127	124	174	1613	1613	5	449	1285	14	0	19	1772	1772	159	159
XI.07	885	12	546	101	77	75	1696	1696	0	407	1529	18	0	71	2025	2025	329	329
XII.07	895	5	373	86	126	61	1546	1546	2	529	1856	25	0	83	2495	2495	949	949
2007	8222	40	4511	1457	1405	1432	17067	17067	37	6988	16132	243	0	579	23979	23979	6912	6912
I.08	779	0	332	113	114	76	1414	1414	0	682	1778	19	0	141	2620	2620	1206	1206
II.08	738	0	271	121	107	75	1312	1312	0	608	1692	10	0	97	2407	2407	1095	1095
III.08	838	4	476	88	124	55	1585	1585	0	501	1707	42	0	113	2363	2363	778	778
IV.08	817	0	440	53	115	70	1495	1495	0	516	1344	45	0	63	1968	1968	473	473
V.08	627	4	473	61	121	166	1452	1452	3	440	991	25	0	9	1468	1468	16	16
VI.08	339	10	660	40	114	141	1304	1304	18	369	583	71	0	23	1064	1064	-240	-240
VII.08	452	5	811	72	110	155	1605	1605	10	422	533	36	0	16	1017	1017	-588	-588
VIII.08	553	12	642	122	120	188	1637	1637	0	345	697	16	0	14	1072	1072	-565	-565
IX.08	334	3	360	48	90	97	932	932	68	114	1056	103	1	49	1391	1391	459	459
X.08	540	3	338	27	112	84	1104	1104	2	159	1475	203	0	113	1952	1952	848	848
XI.08	618	5	339	44	120	53	1179	1179	5	563	1455	99	0	112	2234	2234	1055	1055
XII.08	814	10	465	50	120	50	1509	1509	0	616	1686	52	0	123	2477	2477	968	968
2008	7449	56	5607	839	1367	1210	16528	16528	106	5335	14997	721	1	873	22033	22033	5505	5505

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	BA→			Total_EXP	RS→BA			Total_IMP	HR→BA			BA_UCTE	BA_Total
	BA→HR	BA→ME	BA→RS		ME→BA	HR→BA	RS→BA		UCTE_EXP	UCTE_IMP	Balance		
I.98	7			7				0			-7	-7	
II.98	27			27				0			-27	-27	
III.98	69			69				49			-20	-20	
IV.98	68			68				10			-58	-58	
V.98	105			105				8			-97	-97	
VI.98	84			84				52			-32	-32	
VII.98	62			62				69			7	7	
VIII.98	67			67				41			-26	-26	
IX.98	103			103				56			-47	-47	
X.98	90			90				8			-82	-82	
XI.98	51			51				8			-43	-43	
XII.98	60			60				9			-51	-51	
1998	793			793				310			-483	-483	
I.07	138	177	47	362	5	261		402	40		40	40	
II.07	157	148	23	328	22	193		271	271		-57	-57	
III.07	133	191	29	353	18	130		215	215		-138	-138	
IV.07	95	146	14	255	19	172		273	273		18	18	
V.07	103	124	25	252	20	204		336	336		84	84	
VI.07	62	187	28	277	4	198		324	324		47	47	
VII.07	75	244	20	339	6	187		334	334		-5	-5	
VIII.07	66	303	45	414	1	156		329	329		-85	-85	
IX.07	126	237	38	401	2	202		290	290		-111	-111	
X.07	189	176	39	404	7	246		331	331		-73	-73	
XI.07	317	143	33	493	28	213		295	295		-198	-198	
XII.07	241	200	25	466	31	243		343	343		-123	-123	
2007	1702	2276	366	4344	163	2405		3743	3743		-601	-601	
I.08	191	213	22	426	26	245		335	335		-91	-91	
II.08	184	229	26	439	25	220		319	319		-120	-120	
III.08	282	123	22	427	29	223		302	302		-125	-125	
IV.08	261	109	9	379	28	197		258	258		-121	-121	
V.08	163	151	25	339	11	180		247	247		-92	-92	
VI.08	162	197	21	380	7	138		200	200		-180	-180	
VII.08	259	153	18	430	10	215		280	280		-150	-150	
VIII.08	127	234	30	391	2	193		306	306		-85	-85	
IX.08	176	189	5	370	41	144		247	247		-123	-123	
X.08	280	148	17	445	16	259		322	322		-123	-123	
XI.08	263	165	21	449	21	219		301	301		-148	-148	
XII.08	316	171	42	529	23	145		237	237		-292	-292	
2008	2664	2082	258	5004	239	2378		3354	3354		-1650	-1650	

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	
				1998	n.a.
Thermal nuclear net generation	GWh	Σ	2007	0	0
			2008	0	0
Fossil fuels net generation	GWh	Σ	1998	n.a.	n.a.
			2007	7782	7782
			2008	8668	8668
Hydraulic net generation	GWh	Σ	1998	n.a.	n.a.
			2007	4001	4001
			2008	4552	4552
Other renewable net generation ¹	GWh	Σ	2007	0	0
			2008	0	0
- of which wind	GWh	Σ	2007	0	0
			2008	0	0
Non-identifiable net generation ¹	GWh	Σ	2007	0	0
			2008	0	0
Total net electrical energy generation calculated to represent 100% of the national values	GWh	Σ	1998	n.a.	n.a.
			2007	11783	11783
			2008	13220	13220
Physical import	GWh	Σ	1998	310	310
			2007	3743	3743
			2008	3354	3354
Physical export	GWh	Σ	1998	793	793
			2007	4344	4344
			2008	5004	5004
Total physical import/export balance	GWh	Σ	1998	n.a.	n.a.
			2007	-612	-612
			2008	-1645	-1645
Consumption of pumps	GWh	Σ	1998	n.a.	n.a.
			2007	0	0
			2008	0	0
National electrical consumption, calculated to represent 100% of the national values	GWh	Σ	1998	n.a.	n.a.
			2007	11171	11171
			2008	11575	11575
Consumption load 3:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1998	n.a.	n.a.
			2007	1173	1173
			2008	1158	1158
Consumption load 11:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1998	n.a.	n.a.
			2007	1776	1776
			2008	1627	1627
Highest load on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1998	n.a.	n.a.
			2007	1974	1974
			2008	1894	1894
Time of highest load on the 3rd Wednesday		CET	1998	n.a.	n.a.
			2007	18:00	18:00
			2008	18:00	18:00
Power produced in parallel operation on the 3rd Wednesday at 11:00 a.m.	MW	max.	1998	n.a.	n.a.

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.	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	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.	n.a.
704	658	708	363	506	537	620	723	749	768	719	727	727
706	749	701	486	638	751	853	810	737	751	800	686	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.	n.a.
283	290	383	469	280	259	273	237	226	290	495	516	516
479	369	436	546	362	313	225	215	222	347	343	695	695
0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	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.	n.a.
987	948	1091	832	786	796	893	960	975	1058	1214	1243	1243
1185	1118	1137	1032	1000	1064	1078	1025	959	1098	1143	1381	1381
0	0	49	10	8	52	69	41	56	8	8	9	9
402	271	215	273	336	324	334	329	290	331	295	343	343
335	319	302	258	247	200	280	306	247	322	301	237	237
7	27	69	68	105	84	62	67	103	90	51	60	60
362	328	353	255	252	277	339	414	401	404	493	466	466
426	439	427	379	339	380	430	391	370	445	449	529	529
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
37	-58	-139	19	83	46	-4	-86	-110	-73	-198	-129	-129
-92	-120	-125	-121	-92	-176	-150	-86	-124	-115	-150	-294	-294
n.a.	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	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.	n.a.
1024	890	952	851	869	842	889	874	865	985	1016	1114	1114
1093	998	1012	911	908	888	928	939	835	983	993	1087	1087
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
1065	982	1033	895	928	955	932	902	892	1025	1084	1173	1173
1133	1158	1100	954	955	973	998	993	985	1033	1088	1091	1091
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
1567	1431	1497	1325	1299	1357	1383	1325	1326	1472	1593	1776	1776
1624	1627	1588	1447	1409	1417	1465	1458	1504	1510	1601	1622	1622
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
1736	1618	1649	1493	1458	1464	1491	1429	1557	1706	1781	1974	1974
1793	1855	1793	1617	1510	1502	1517	1597	1682	1753	1894	1865	1865
n.a.	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	21:00	21:00	22:00	22:00	22:00	22:00	20:00	20:00	18:00	18:00	18:00
19:00	19:00	20:00	21:00	22:00	22:00	22:00	21:00	20:00	20:00	18:00	18:00	18:00
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

Belgium

Monthly values / Operation

			I-XII	
			1998	1998
Thermal nuclear net generation	GWh	Σ	2007	43888
			2008	45854
				43357
Fossil fuels net generation	GWh	Σ	1998	34103
			2007	33833
			2008	31269
Hydraulic net generation	GWh	Σ	1998	1501
			2007	1674
			2008	1743
Other renewable net generation ¹	GWh	Σ	2007	3735
			2008	4275
- of which wind	GWh	Σ	2007	491
			2008	627
Non-identifiable net generation ¹	GWh	Σ	2007	0
			2008	0
Total net electrical energy generation calculated to represent 100% of the national values	GWh	Σ	1998 ²	79492
			2007 ²	85096
			2008 ²	80644
Physical import	GWh	Σ	1998	7691
			2007	15698
			2008	17036
Physical export	GWh	Σ	1998	6440
			2007	9038
			2008	6561
Total physical import/export balance	GWh	Σ	1998	1387
			2007	6780
			2008	10596
Consumption of pumps	GWh	Σ	1998	1463
			2007	1716
			2008	1778
National electrical consumption, calculated to represent 100% of the national values	GWh	Σ	1998	79416
			2007	90160
			2008	89462
Consumption load 3:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1998	9250
			2007	10871
			2008	10306
Consumption load 11:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1998	11303
			2007	13013
			2008	12490
Highest load on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1998	11943
			2007	13820
			2008	13300
Time of highest load on the 3rd Wednesday		CET	1998	18:00
			2007	19:00
			2008	19:00
Power produced in parallel operation on the 3rd Wednesday at 11:00 a.m.	MW	max.	1998	11340

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
4201	3673	3481	3129	3765	3308	2726	3582	4033	3751	3923	4316
4123	3909	3838	3742	3855	3973	3532	3993	3548	3847	3781	3713
3870	3562	3442	2975	3319	3551	3625	3611	3227	3871	3945	4359
2969	2786	3104	3139	2404	2688	3032	2469	2349	3122	3018	3023
3117	2990	3179	3061	2618	2565	2506	2378	2476	2816	3066	3061
2943	2768	2418	2620	2467	2420	2658	2433	2801	2818	2429	2559
135	94	117	138	127	128	128	106	123	114	137	154
152	150	158	128	124	134	139	142	129	125	132	161
158	144	153	150	146	135	130	130	120	150	157	170
345	277	317	299	307	224	279	286	300	331	382	388
429	363	414	334	285	317	337	345	320	353	360	353
72	41	47	21	42	26	40	27	32	23	54	66
99	58	82	39	32	29	36	47	45	54	61	45
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
7305	6553	6702	6406	6296	6124	5886	6157	6505	6987	7078	7493
7737	7326	7492	7230	6904	6896	6456	6799	6453	7119	7361	7323
7400	6837	6427	6079	6217	6423	6750	6519	6468	7192	6891	7441
729	664	891	813	635	609	636	461	517	552	620	564
1265	945	1205	798	1293	1542	1330	1480	1353	1336	1584	1567
1577	1560	2120	1875	1594	1460	1025	1487	1239	1174	1070	855
608	531	407	539	525	513	541	583	520	456	494	723
542	667	613	818	896	1266	779	1107	531	513	810	496
448	344	371	289	449	720	746	1035	437	643	438	641
133	143	497	285	122	107	105	-112	7	107	138	-145
736	288	602	-11	408	284	562	382	830	833	786	1080
1140	1225	1760	1596	1154	749	289	461	812	542	642	226
111	94	108	117	128	132	151	133	135	111	118	125
141	138	144	135	138	145	144	149	143	149	135	155
142	132	142	133	154	148	149	152	140	160	160	166
7327	6602	7091	6574	6290	6099	5840	5912	6377	6983	7098	7223
8332	7476	7950	7084	7174	7035	6874	7032	7140	7803	8012	8248
8398	7930	8045	7542	7217	7024	6890	6828	7140	7574	7373	7501
9250	8835	8298	8483	7432	7514	7100	7246	7784	8249	9164	8673
9838	9628	9788	8447	8488	8497	8035	7898	8535	8724	9875	10871
10078	10306	9908	9712	8330	8525	8409	8293	8517	8317	8667	9494
11296	10878	10632	10878	9861	9969	9396	9850	10474	10767	11303	10947
12476	12261	11992	11389	11427	11622	10432	8906	11608	12069	12737	13013
12490	12478	12390	11998	11301	11340	11154	11198	11457	11757	11318	12064
11760	11014	10855	11089	10158	10261	9681	10070	10655	10951	11943	11643
13184	12581	12542	11581	11631	11910	10737	9311	11757	12163	13086	13820
13300	12847	12654	12123	11670	11519	11282	11477	11707	11869	12153	12561
19:00	20:00	20:00	12:00	12:00	12:00	12:00	12:00	12:00	12:00	18:00	18:00
19:00	12:00	20:00	12:00	12:00	12:00	12:00	23:00	12:00	12:00	19:00	19:00
19:00	20:00	20:00	12:00	12:00	12:00	12:00	12:00	12:00	12:00	18:00	18:00
11340	10735	10115	10499	9742	9761	8863	9983	10725	10523	10962	10958

²including deliveries from industry

Bulgaria GWh

Physical exchanges in interconnected operation ¹

MM_YY											Balance							
	BG→GR	BG→MK	BG→RO	BG→RS	BG→YUGO	BG→TR	UCTE_EXP	Total_EXP	GR→BG	MK→BG	RO→BG	RS→BG	YUGO→BG	TR→BG	UCTE_IMP	Total_IMP	BG_UCTE	BG_Total
I.98	135				99	n.a.	234	n.a.	0	n.a.	n.a.		0	n.a.	0	n.a.	-234	n.a.
II.98	33				54	n.a.	87	n.a.	7	n.a.	n.a.		1	n.a.	8	n.a.	-79	n.a.
III.98	133				45	n.a.	178	n.a.	1	n.a.	n.a.		2	n.a.	3	n.a.	-175	n.a.
IV.98	122				13	n.a.	135	n.a.	4	n.a.	n.a.		18	n.a.	22	n.a.	-113	n.a.
V.98	117				9	n.a.	126	n.a.	1	n.a.	n.a.		31	n.a.	32	n.a.	-94	n.a.
VI.98	144				6	n.a.	150	n.a.	0	n.a.	n.a.		34	n.a.	34	n.a.	-116	n.a.
VII.98	183				4	n.a.	187	n.a.	1	n.a.	n.a.		47	n.a.	48	n.a.	-139	n.a.
VIII.98	59				37	n.a.	96	n.a.	0	n.a.	n.a.		14	n.a.	14	n.a.	-82	n.a.
IX.98	50				33	n.a.	83	n.a.	4	n.a.	n.a.		18	n.a.	22	n.a.	-61	n.a.
X.98	59				27	n.a.	86	n.a.	5	n.a.	n.a.		11	n.a.	16	n.a.	-70	n.a.
XI.98	41				36	n.a.	77	n.a.	4	n.a.	n.a.		13	n.a.	17	n.a.	-60	n.a.
XII.98	10				100	n.a.	110	n.a.	24	n.a.	n.a.		0	n.a.	24	n.a.	-86	n.a.
1998	1086				463	n.a.	1549	n.a.	51	n.a.	n.a.		189	n.a.	240	n.a.	-1309	n.a.
I.07	243	50	0	177		0	470	470	0	338	0	0	0	0	338	338	-132	-132
II.07	290	57	1	139		0	487	487	0	374	0	0	0	0	374	374	-113	-113
III.07	415	78	0	130		0	623	623	0	426	0	0	0	0	426	426	-197	-197
IV.07	331	70	4	108		0	513	513	0	116	0	0	0	0	116	116	-397	-397
V.07	209	47	11	140		0	407	407	0	88	0	0	0	0	88	88	-319	-319
VI.07	479	78	71	147		0	775	775	0	179	0	0	0	0	179	179	-596	-596
VII.07	422	68	123	127		0	740	740	0	285	0	0	0	0	285	285	-455	-455
VIII.07	403	70	85	161		0	719	719	0	218	0	0	0	0	218	218	-501	-501
IX.07	409	74	51	197		0	731	731	0	218	0	0	0	0	218	218	-513	-513
X.07	358	66	63	205		0	692	692	0	233	0	0	0	0	233	233	-459	-459
XI.07	364	70	3	237		0	674	674	0	241	0	0	0	0	241	241	-433	-433
XII.07	374	81	0	234		0	689	689	0	341	0	0	0	0	341	341	-348	-348
2007	4297	809	412	2002		0	7520	7520	0	3057	0	0	0	0	3057	3057	-4463	-4463
I.08	322	63	0	189		0	574	574	0	467	0	0	0	0	467	467	-107	-107
II.08	340	62	0	138		0	540	540	0	544	0	0	0	0	544	544	4	4
III.08	428	78	0	240		0	746	746	0	318	0	0	0	0	318	318	-428	-428
IV.08	395	80	11	240		0	726	726	0	141	0	0	0	0	141	141	-585	-585
V.08	351	85	31	238		0	705	705	0	118	0	0	0	0	118	118	-587	-587
VI.08	415	82	103	126		0	726	726	0	212	0	0	0	0	212	212	-514	-514
VII.08	467	78	53	183		0	781	781	0	226	0	0	0	0	226	226	-555	-555
VIII.08	486	75	25	213		0	799	799	0	284	0	0	0	0	284	284	-515	-515
IX.08	381	72	40	148		0	641	641	0	191	0	0	0	0	191	191	-450	-450
X.08	374	67	1	217		0	659	659	0	175	0	0	0	0	175	175	-484	-484
XI.08	398	99	24	269		0	790	790	0	127	0	0	0	0	127	127	-663	-663
XII.08	271	301	0	181		0	753	753	0	292	0	0	0	0	292	292	-461	-461
2008	4628	1142	288	2382		0	8440	8440	0	3095	0	0	0	0	3095	3095	-5345	-5345

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

Bulgaria

Monthly values / Operation

				I-XII	
				1998	n.a.
Thermal nuclear net generation	GWh	Σ	2007	13613	
			2008	14759	
Fossil fuels net generation	GWh	Σ	1998	n.a.	
			2007	22122	
			2008	22594	
Hydraulic net generation	GWh	Σ	1998	n.a.	
			2007	2446	
			2008	3202	
Other renewable net generation ¹	GWh	Σ	2007	0	
			2008	0	
- of which wind	GWh	Σ	2007	0	
			2008	0	
Non-identifiable net generation ¹	GWh	Σ	2007	0	
			2008	0	
Total net electrical energy generation calculated to represent 100% of the national values	GWh	Σ	1998	n.a.	
			2007	38181	
			2008	40555	
Physical import	GWh	Σ	1998	n.a.	
			2007	3057	
			2008	3096	
Physical export	GWh	Σ	1998	n.a.	
			2007	7520	
			2008	8440	
Total physical import/export balance	GWh	Σ	1998	n.a.	
			2007	-4533	
			2008	-5397	
Consumption of pumps	GWh	Σ	1998	n.a.	
			2007	522	
			2008	705	
National electrical consumption, calculated to represent 100% of the national values	GWh	Σ	1998	n.a.	
			2007	33126	
			2008	34453	
Consumption load 3:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1998	n.a.	
			2007 ²	5016	
			2008 ²	4972	
Consumption load 11:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1998	n.a.	
			2007 ²	6356	
			2008 ²	6358	
Highest load on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1998	n.a.	
			2007 ²	6839	
			2008 ²	6771	
Time of highest load on the 3rd Wednesday		CET	1998	n.a.	
			2007	19:00	
			2008	20:00	
Power produced in parallel operation on the 3rd Wednesday at 11:00 a.m.	MW	max.	1998	n.a.	

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

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.
1405	1271	1409	1369	1319	977	687	1013	671	727	1336	1429
1524	1336	1432	1364	1334	814	979	1135	677	1332	1392	1440
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
1831	1724	1681	1427	1072	1667	2168	1878	2118	2325	2038	2193
2200	1781	1766	1561	1410	1808	1943	1788	2136	1786	2176	2239
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
169	144	227	221	437	419	0	0	0	229	231	369
361	245	255	351	399	385	269	245	195	162	160	175
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
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.
3405	3139	3317	3017	2828	3063	2855	2891	2789	3281	3605	3991
4085	3362	3453	3276	3143	3007	3191	3168	3008	3280	3728	3854
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
338	374	426	116	88	179	285	218	218	233	241	341
467	544	318	141	118	212	227	284	191	175	127	292
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	0	n.a.	n.a.	n.a.
470	487	623	513	407	775	740	719	731	692	674	689
574	540	746	726	705	726	781	799	641	659	790	753
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
-134	-118	-203	-401	-327	-605	-461	-508	-518	-464	-438	-356
-112	0	-434	-585	-587	-520	-561	-524	-454	-488	-668	-464
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
67	50	62	54	37	20	34	44	38	49	67	0
56	67	65	54	34	28	52	60	55	70	78	86
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
3204	2971	3052	2562	2464	2438	2360	2339	2233	2768	3100	3635
3917	3295	2954	2637	2522	2459	2578	2584	2499	2722	2982	3304
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
4194	4207	3821	3442	3111	3335	3468	3342	3242	3711	4360	5016
4972	4811	3725	3491	3282	3311	3393	3331	3163	3444	4060	4209
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
5221	4917	4693	4246	3790	4244	4324	4064	4037	4632	5497	6356
6358	5950	5096	4646	4051	4191	4229	4302	4118	4378	5368	5347
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
5732	5699	5442	4796	4271	4495	4626	4516	4757	5325	6179	6839
6771	6408	5829	5009	4467	4560	4459	4708	4691	5105	6014	5971
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
19:00	20:00	20:00	21:00	22:00	23:00	23:00	22:00	20:00	20:00	20:00	19:00
20:00	20:00	20:00	21:00	22:00	22:00	23:00	22:00	21:00	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.

² Gross values

				I-XII
Thermal nuclear net generation	GWh	Σ	1998	24368
			2007	26344
			2008	26132
Fossil fuels net generation	GWh	Σ	1998	2285
			2007	2146
			2008	2121
Hydraulic net generation	GWh	Σ	1998	34295
			2007	36373
			2008	37559
Other renewable net generation ¹	GWh	Σ	2007	1053
			2008	1155
- of which wind	GWh	Σ	2007	12
			2008	24
Non-identifiable net generation ¹	GWh	Σ	2007	0
			2008	0
Total net electrical energy generation calculated to represent 100% of the national values	GWh	Σ	1998	60948
			2007 ²	65916
			2008 ²	66967
Physical import	GWh	Σ	1998	22551
			2007	33756
			2008	30494
Physical export	GWh	Σ	1998	27936
			2007	34649
			2008	30525
Total physical import/export balance	GWh	Σ	1998	-5954
			2007	-752
			2008	152
Consumption of pumps	GWh	Σ	1998	1620
			2007	2104
			2008	2685
National electrical consumption, calculated to represent 100% of the national values	GWh	Σ	1998 ³	53374
			2007 ³	63060
			2008 ³	64434
Consumption load 3:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1998	6537
			2007	7967
			2008	7468
Consumption load 11:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1998	8637
			2007	9756
			2008	9610
Highest load on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1998	8637
			2007	9953
			2008	9858
Time of highest load on the 3rd Wednesday	CET		1998	11:00
			2007	18:00
			2008	10:00
Power produced in parallel operation on the 3rd Wednesday at 11:00 a.m.	MW	max.	1998	10374

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
2285	2062	2269	1978	2035	1613	1779	1312	2165	2269	2261	2340	
2413	2174	2302	2313	2365	1799	2271	1378	2179	2398	2334	2418	
2409	2252	2401	2320	2332	1460	2295	1253	2256	2392	2338	2424	
208	255	267	235	138	131	123	135	161	219	201	212	
199	187	195	184	166	163	176	157	168	176	192	183	
181	176	181	176	165	174	179	178	173	178	177	183	
2383	2240	2343	2344	2995	3851	3672	3376	3110	2458	2867	2656	
2293	2190	2391	2320	3160	4370	4532	4280	3153	2911	2410	2363	
2379	2243	2273	2301	3554	4500	4356	3976	4288	2574	2660	2455	
98	91	96	90	82	80	86	77	82	87	94	90	
98	96	99	96	90	95	97	97	94	97	96	100	
1	1	1	1	1	1	1	1	1	1	1	1	
2	2	2	2	2	2	2	2	2	2	2	2	
0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	
4876	4557	4879	4557	5168	5595	5574	4823	5436	4946	5329	5208	
5003	4642	4984	4907	5773	6412	7065	5892	5582	5572	5030	5054	
5067	4767	4954	4893	6141	6229	6927	5504	6811	5241	5271	5162	
2435	2070	2414	2156	1676	1252	1385	1618	1555	1812	1834	2344	
4006	3450	3849	3115	2203	1633	1410	1782	2373	2882	3261	3792	
3683	3361	3360	2852	1925	1412	1280	1878	1459	2811	2934	3539	
2162	1975	2428	2309	2569	2499	2719	2136	2515	2140	2146	2338	
3005	2674	3066	3026	2856	2966	3527	2710	2856	2935	2354	2674	
2545	2413	2459	2186	2786	2440	3027	2277	3001	2446	2414	2531	
265	75	-33	-199	-977	-1311	-1408	-617	-1044	-366	-317	-22	
1011	787	796	100	-639	-1326	-2108	-921	-473	-37	925	1133	
1157	969	920	683	-848	-1015	-1742	-385	-1529	381	537	1024	
35	24	24	69	153	304	299	313	190	108	57	44	
158	112	108	190	214	262	227	208	191	135	139	160	
163	125	142	203	314	307	330	312	205	230	166	188	
5106	4608	4822	4289	4038	3980	3867	3893	4202	4472	4955	5142	
5856	5317	5672	4817	4920	4824	4730	4763	4918	5400	5816	6027	
6061	5611	5732	5373	4979	4907	4855	4807	5077	5392	5642	5998	
6499	6128	5890	5937	4638	4768	4421	4607	4824	5613	6537	6429	
6879	7005	7415	5498	5694	5666	5459	5193	5880	6044	7363	7967	
7173	7468	7312	6869	5737	5618	5273	5488	5901	5661	6854	7404	
8637	8185	7790	7935	7033	7404	7157	7520	7498	7915	8410	8306	
9161	9066	9239	8367	8113	8693	8209	7851	8792	8563	9477	9756	
9610	9348	8655	9071	8623	8416	7943	8669	8714	8458	9268	9483	
8637	8185	7790	7935	7033	7404	7157	7520	7498	7915	8428	8357	
9181	9131	9239	8367	8113	8693	8209	7851	8792	8606	9497	9953	
9610	9408	8948	9071	8623	8416	7943	8669	8714	8458	9274	9858	
11:00	11:00	11:00	11:00	11:00	11:00	11:00	11:00	11:00	11:00	10:00	08:00	
10:00	10:00	11:00	11:00	11:00	11:00	11:00	11:00	11:00	11:00	08:00	18:00	
11:00	08:00	12:00	11:00	11:00	11:00	11:00	11:00	11:00	11:00	17:00	10:00	
9434	10164	9594	10101	10125	10257	8491	9475	10144	8722	10374	8545	

² including deliveries from industry

³ Calculations based on the UCTE database differ from the official values of the Swiss Federal Office of Energy.

Physical exchanges in interconnected operation ¹

MM_YY	Export (-)					Import (+)						Balance		
	CH→AT	CH→DE	CH→FR	CH→IT	Total_EXP	UCTE_EXP	AT→CH	DE→CH	FR→CH	IT→CH	UCTE_IMP	Total_IMP	CH_UCTE	CH_Total
I.98	16	418	51	1677	2162	2162	232	1105	1098	0	2435	2435	273	273
II.98	28	411	60	1476	1975	1975	151	932	987	0	2070	2070	95	95
III.98	35	411	50	1932	2428	2428	164	1153	1097	0	2414	2414	-14	-14
IV.98	5	324	36	1944	2309	2309	282	1056	818	0	2156	2156	-153	-153
V.98	17	520	12	2020	2569	2569	216	643	810	7	1676	1676	-893	-893
VI.98	43	602	11	1843	2499	2499	161	474	616	1	1252	1252	-1247	-1247
VII.98	27	483	163	2046	2719	2719	195	676	513	1	1385	1385	-1334	-1334
VIII.98	5	490	240	1401	2136	2136	331	871	415	1	1618	1618	-518	-518
IX.98	8	415	142	1950	2515	2515	270	749	536	0	1555	1555	-960	-960
X.98	15	417	36	1672	2140	2140	252	756	804	0	1812	1812	-328	-328
XI.98	3	408	83	1652	2146	2146	364	775	695	0	1834	1834	-312	-312
XII.98	1	360	123	1854	2338	2338	437	1124	783	0	2344	2344	6	6
1998	203	5259	1007	21467	27936	27936	3055	10314	9172	10	22551	22551	-5385	-5385
I.07	0	67	139	2799	3005	3005	906	1948	1152	0	4006	4006	1001	1001
II.07	0	95	53	2526	2674	2674	695	1598	1157	0	3450	3450	776	776
III.07	0	138	96	2832	3066	3066	860	1701	1287	1	3849	3849	783	783
IV.07	0	140	120	2766	3026	3026	880	1238	997	0	3115	3115	89	89
V.07	2	294	59	2501	2856	2856	632	801	770	0	2203	2203	-653	-653
VI.07	10	399	93	2464	2966	2966	360	562	703	8	1633	1633	-1333	-1333
VII.07	5	546	391	2585	3527	3527	401	507	501	1	1410	1410	-2117	-2117
VIII.07	13	480	290	1927	2710	2710	304	750	726	2	1782	1782	-928	-928
IX.07	0	240	359	2257	2856	2856	721	917	734	1	2373	2373	-483	-483
X.07	5	373	221	2336	2935	2935	683	1377	817	5	2882	2882	-53	-53
XI.07	0	245	385	1724	2354	2354	885	1677	671	28	3261	3261	907	907
XII.07	2	88	442	2142	2674	2674	895	1950	927	20	3792	3792	1118	1118
2007	37	3105	2648	28859	34649	34649	8222	15026	10442	66	33756	33756	-893	-893
I.08	0	59	301	2185	2545	2545	779	1915	983	6	3683	3683	1138	1138
II.08	0	55	182	2176	2413	2413	738	1603	1013	7	3361	3361	948	948
III.08	0	73	240	2146	2459	2459	838	1642	858	22	3360	3360	901	901
IV.08	0	88	165	1933	2186	2186	817	1228	794	13	2852	2852	666	666
V.08	3	334	116	2333	2786	2786	627	562	727	9	1925	1925	-861	-861
VI.08	18	520	266	1636	2440	2440	339	471	540	62	1412	1412	-1028	-1028
VII.08	10	509	391	2117	3027	3027	452	353	446	29	1280	1280	-1747	-1747
VIII.08	0	323	346	1608	2277	2277	553	726	562	37	1878	1878	-399	-399
IX.08	68	449	552	1932	3001	3001	334	645	419	61	1459	1459	-1542	-1542
X.08	2	128	463	1853	2446	2446	540	1520	665	86	2811	2811	365	365
XI.08	5	109	164	2136	2414	2414	618	1450	840	26	2934	2934	520	520
XII.08	0	62	362	2107	2531	2531	814	1743	940	42	3539	3539	1008	1008
2008	106	2709	3548	24162	30525	30525	7449	13858	8787	400	30494	30494	-31	-31

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".

Czech Republic GWh

Physical exchanges in interconnected operation ¹

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.98	255	230	7	345	485	837	1	60	680	75	61	816	-424	-21
II.98	211	253	10	410	464	884	26	51	673	55	77	805	-387	-79
III.98	229	384	21	271	613	905	4	33	549	64	37	650	-576	-255
IV.98	211	308	10	219	519	748	0	15	476	89	17	582	-502	-166
V.98	259	289	10	322	548	880	0	28	557	69	28	654	-520	-226
VI.98	188	323	0	236	511	747	5	11	420	84	16	520	-495	-227
VII.98	222	342	3	329	564	896	3	38	512	72	41	625	-523	-271
VIII.98	281	381	7	221	662	890	5	41	484	69	46	599	-616	-291
IX.98	172	668	3	184	840	1027	7	5	598	72	12	682	-828	-345
X.98	263	589	7	138	852	997	3	5	654	93	8	755	-844	-242
XI.98	186	547	18	169	733	920	9	10	695	103	19	817	-714	-103
XII.98	273	488	10	245	761	1016	2	39	780	93	41	914	-720	-102
1998	2750	4802	106	3089	7552	10747	67	336	7078	938	403	8419	-7149	-2328
I.07	752	949	1	1040	2742	2742	0	204	927	1	1132	1132	-1610	-1610
II.07	593	783	0	819	2195	2195	0	156	885	4	1045	1045	-1150	-1150
III.07	725	837	0	743	2305	2305	0	105	845	21	971	971	-1334	-1334
IV.07	750	810	2	754	2316	2316	0	69	647	6	722	722	-1594	-1594
V.07	761	595	2	780	2138	2138	0	42	678	6	726	726	-1412	-1412
VI.07	519	299	1	735	1554	1554	6	63	514	7	590	590	-964	-964
VII.07	590	766	0	812	2168	2168	4	47	725	0	776	776	-1392	-1392
VIII.07	564	663	0	912	2139	2139	2	13	604	1	620	620	-1519	-1519
IX.07	349	753	0	822	1924	1924	7	23	758	2	790	790	-1134	-1134
X.07	449	935	13	955	2352	2352	4	28	913	0	945	945	-1407	-1407
XI.07	407	1065	0	739	2211	2211	12	44	845	1	902	902	-1309	-1309
XII.07	529	966	1	814	2310	2310	5	92	889	4	990	990	-1320	-1320
2007	6988	9421	20	9925	26354	26354	40	886	9230	53	10209	10209	-16145	-16145
I.08	682	948	1	901	2532	2532	0	195	865	4	1064	1064	-1468	-1468
II.08	608	787	0	754	2149	2149	0	84	776	6	866	866	-1283	-1283
III.08	501	829	2	563	1895	1895	4	37	651	16	708	708	-1187	-1187
IV.08	516	712	4	634	1866	1866	0	28	527	14	569	569	-1297	-1297
V.08	440	458	9	372	1279	1279	4	25	459	20	508	508	-771	-771
VI.08	369	590	4	433	1396	1396	10	8	518	9	545	545	-851	-851
VII.08	422	747	1	567	1737	1737	5	14	713	18	750	750	-987	-987
VIII.08	345	603	4	507	1459	1459	12	10	546	24	592	592	-867	-867
IX.08	114	306	0	607	1027	1027	3	154	311	16	484	484	-543	-543
X.08	159	524	0	667	1350	1350	3	367	384	19	773	773	-577	-577
XI.08	563	604	0	299	1466	1466	5	339	487	64	895	895	-571	-571
XII.08	616	832	1	381	1830	1830	10	65	672	23	770	770	-1060	-1060
2008	5335	7940	26	6685	19986	19986	56	1326	6909	233	8524	8524	-11462	-11462

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	
			1998	2007
Thermal nuclear net generation	GWh	Σ	12352	24623
			2008	25016
Fossil fuels net generation	GWh	Σ	45847	53983
			2008	49447
Hydraulic net generation	GWh	Σ	2065	2513
			2008	2367
Other renewable net generation ¹	GWh	Σ	288	257
			2008	257
- of which wind	GWh	Σ	119	242
			2008	242
Non-identifiable net generation ¹	GWh	Σ	0	0
			2008	0
Total net electrical energy generation calculated to represent 100% of the national values	GWh	Σ	1998 ² 60264	2007 ² 81407
			2008 ² 77087	
Physical import	GWh	Σ	1998 8419	2007 10209
			2008 8524	
Physical export	GWh	Σ	1998 10747	2007 26354
			2008 19986	
Total physical import/export balance	GWh	Σ	1998 -2461	2007 -16152
			2008 -11468	
Consumption of pumps	GWh	Σ	1998 654	2007 592
			2008 478	
National electrical consumption, calculated to represent 100% of the national values	GWh	Σ	1998 57149	2007 64663
			2008 65141	
Consumption load 3:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1998 n.a.	2007 8072
			2008 7952	
Consumption load 11:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1998 n.a.	2007 9791
			2008 9615	
Highest load on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1998 n.a.	2007 10031
			2008 9804	
Time of highest load on the 3rd Wednesday		CET	1998 n.a.	2007 15:00
			2008 12:00	
Power produced in parallel operation on the 3rd Wednesday at 11:00 a.m.	MW	max.	1998 n.a.	

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
1223	1117	1229	783	928	772	903	1018	910	1089	1133	1247
2421	1487	1773	1905	1995	1858	2334	2011	1736	2343	2383	2377
2660	2275	2142	2000	1987	1942	2472	1977	1936	1729	1627	2269
4384	4063	4347	3815	3401	3335	3190	3100	3635	3990	4206	4381
5063	4994	5187	4561	4298	3775	3602	4186	4161	4541	4801	4814
4947	4646	4700	4545	3678	3548	3219	3537	3584	4247	4455	4341
171	137	173	164	132	131	154	146	178	181	296	202
245	268	291	239	183	135	113	117	173	166	254	329
234	250	376	278	220	160	128	122	109	160	162	168
29	21	25	19	22	19	22	18	26	24	34	29
25	24	31	17	13	12	19	20	16	20	29	31
12	7	11	8	8	6	8	5	12	8	19	15
24	23	30	16	12	11	17	19	13	19	28	30
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
5778	5317	5749	4762	4461	4238	4247	4264	4723	5260	5635	5830
7758	6770	7276	6724	6498	5787	6071	6332	6096	7074	7472	7549
7866	7195	7249	6840	5898	5662	5838	5656	5645	6156	6273	6809
816	805	650	582	654	520	625	599	682	755	817	914
1132	1045	971	722	726	590	776	620	790	945	902	990
1064	866	708	569	508	545	750	592	484	773	895	770
837	884	905	748	880	747	896	890	1027	997	920	1016
2742	2195	2305	2316	2138	1554	2168	2139	1924	2352	2211	2310
2532	2149	1895	1866	1279	1396	1737	1459	1027	1350	1466	1830
-22	-129	-254	-164	-224	-226	-364	-292	-343	-237	-104	-102
-1610	-1152	-1334	-1594	-1413	-964	-1392	-1520	-1134	-1408	-1310	-1321
-1468	-1284	-1187	-1299	-772	-851	-987	-867	-544	-575	-571	-1063
46	23	29	30	49	72	74	80	78	76	45	52
93	84	58	59	76	46	8	24	29	30	39	46
56	37	48	42	16	27	32	28	20	48	66	58
5710	5165	5466	4568	4188	3940	3809	3892	4302	4947	5486	5676
6055	5534	5884	5071	5009	4777	4671	4788	4933	5636	6123	6182
6342	5874	6014	5499	5110	4784	4819	4761	5081	5533	5636	5688
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
7547	7277	7237	6315	6134	6076	6044	5916	6204	6583	7719	8072
7702	7952	7550	6998	6467	6045	5870	5767	6337	6206	7048	6646
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
9224	8961	8882	8152	7934	7849	7835	7813	7929	8227	9551	9791
9615	9399	9210	8944	8531	7777	7687	7682	8275	8148	9006	8696
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
9332	9079	9098	8242	7961	8091	7962	7875	8271	8618	9950	10031
9804	9524	9493	8969	8674	7939	7884	7820	8526	8540	9472	9005
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	19:00	13:00	12:00	13:00	13:00	12:00	20:00	07:00	17:00	15:00
12:00	09:00	19:00	12:00	12:00	13:00	12:00	13:00	20:00	19:00	17:00	16:00
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

²including deliveries from industry

Germany

Monthly values / Operation

			I-XII	
			1998	1998
Thermal nuclear net generation	GWh	Σ	2007	133203
			2008	141074
Fossil fuels net generation	GWh	Σ	1998	312160
			2007	365971
			2008	356366
Hydraulic net generation	GWh	Σ	1998	18833
			2007	24361
			2008	23473
Other renewable net generation ¹	GWh	Σ	2007	60454
			2008	66370
- of which wind	GWh	Σ	2007	39535
			2008	40429
Non-identifiable net generation ¹	GWh	Σ	2007	0
			2008	0
Total net electrical energy generation calculated to represent 100% of the national values	GWh	Σ	1998 ²	561396
			2007 ²	583989
			2008 ²	587283 ³
Physical import	GWh	Σ	1998	36867
			2007	44270
			2008	40245
Physical export	GWh	Σ	1998	38612
			2007	63385
			2008	62695
Total physical import/export balance	GWh	Σ	1998	-637
			2007	-19115
			2008	-22450
Consumption of pumps	GWh	Σ	1998	5130
			2007	8975
			2008	7671
National electrical consumption, calculated to represent 100% of the national values	GWh	Σ	1998	555629
			2007	555899
			2008	557162
Consumption load 3:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1998	59461
			2007	58445
			2008	59061
Consumption load 11:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1998	80377
			2007	78425
			2008	79864
Highest load on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1998	81426
			2007	82787
			2008	82231
Time of highest load on the 3rd Wednesday		CET	1998	18:00
			2007	19:00
			2008	18:00
Power produced in parallel operation on the 3rd Wednesday at 11:00 a.m.	MW	max.	1998	80400

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
14996	13138	13092	13204	11747	10080	11671	12032	11826	13147	13149	13741
13193	12199	12925	11189	11120	10535	9318	9393	9628	10565	10941	12197
12303	12433	13178	11637	11320	10172	10341	12100	11432	11394	11971	12793
28216	26439	28981	24602	23530	23529	23780	23352	24675	26711	28749	29596
32990	32081	33225	29614	26731	28006	28653	28833	26861	32748	33398	32831
34159	33498	30841	31656	26658	27021	28749	25496	27544	31415	30001	29328
1547	1124	1610	1666	1537	1547	1592	1410	1656	1692	1750	1702
1940	1804	1968	1644	1980	2232	2503	2255	2181	1897	1906	2051
2017	1772	2144	2134	2261	2217	2251	2081	1635	1669	1560	1732
8975	4759	5805	4203	4172	3792	4915	3828	5012	3423	5776	5794
8453	6202	7718	4160	4004	4323	4493	5184	4341	5766	6411	5315
7512	3328	4254	2491	2455	1964	2991	1825	3043	1596	3996	4080
6563	4304	5532	2026	1648	2032	2256	2881	2131	3544	4385	3127
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
52044	47325	50793	45896	42806	40877	43072	42782	44367	48313	50752	52369
57098	50843	53923	46650	44003	44565	45389	44309	43682	48633	52021	52873
56932	53905	53881	49587	44243	43733	45834	44861	44952	50244	49943	49168
3101	2603	3309	2870	3326	3536	2979	2616	3330	3245	3084	2868
3328	3168	3515	3797	3996	3656	4436	4756	3881	4028	3190	2519
3375	3040	2860	3126	3372	4119	4355	3777	3242	2765	2938	3276
3824	3426	3813	3629	2901	2556	2825	3212	3063	2989	2930	3444
7181	5533	6443	5336	4269	3523	3859	3661	4539	5126	6462	7453
7488	6407	7080	5538	4055	3099	3173	3739	4223	5837	5834	6222
-698	-589	-451	-736	500	1025	382	-295	370	298	88	-531
-3853	-2365	-2928	-1539	-273	133	577	1095	-658	-1098	-3272	-4934
-4113	-3367	-4220	-2412	-683	1020	1182	38	-981	-3072	-2896	-2946
448	406	410	423	490	406	405	489	432	425	428	368
734	719	702	632	707	681	762	785	765	807	807	874
723	670	714	536	536	622	666	674	624	647	619	640
50898	46330	49932	44737	42816	41496	43049	41998	44305	48186	50412	51470
52511	47759	50293	44479	43023	44017	45204	44619	42259	46728	47942	47065
52096	49868	48947	46639	43024	44131	46350	44225	43347	46525	46428	45582
58598	55402	53323	51544	42689	42415	41273	42975	46585	51106	59461	54425
53926	54103	54779	48252	47816	48919	47679	47184	51017	51384	56178	58445
58504	59061	57753	54360	48980	49407	49336	48684	50887	51179	55893	51252
80377	77094	75504	74319	69254	71484	69276	69860	75160	77264	79246	77473
78425	75775	76093	73373	71768	74676	73079	69992	74439	76364	78003	76390
79864	76884	75190	74627	72076	71523	71227	72350	73189	75276	76789	74967
80377	77694	76386	75402	70727	72729	70529	71385	75771	78175	81426	79756
82787	79775	77600	74894	73406	76267	74601	71686	75383	78661	81583	80819
81004	80471	76982	75656	73502	72958	72800	74231	74224	76648	82231	77472
11:00	12:00	12:00	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	76961	75400	73000	66500	68700	67000	67700	72100	75300	78500	76200

² including deliveries from industry

³ Electricity generation and consumption also comprise shares of generation from industry's own power stations and feed-in from private generators (total of 12 monthly values).
The part of net electricity generation relevant to primary control power amounts to 553,9 TWh.

Germany

Physical exchanges in interconnected operation ¹

GWh

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.98	727	1105	60	0	386	1044	369	n.a.	63	70	3262	3824	267	418	230	1520	74	136	57	n.a.	347	52	2415	3101	-847	-723				
II.98	692	932	51	0	351	978	387	n.a.	32	3	2953	3426	219	411	253	1122	64	116	92	n.a.	250	76	1932	2603	-1021	-823				
III.98	676	1153	33	0	371	1165	378	n.a.	37	0	3365	3813	244	411	384	1522	68	99	64	381	136	2344	3309	-1021	-504					
IV.98	730	1056	15	0	355	1145	293	n.a.	34	1	3286	3629	194	324	308	1363	75	107	23	n.a.	349	127	2063	2870	-1223	-759				
V.98	454	643	28	0	359	1121	287	n.a.	9	0	2577	2901	240	520	289	1368	83	193	20	n.a.	323	290	2404	3326	-173	425				
VI.98	293	474	11	9	365	1226	178	n.a.	0	0	2367	2556	421	602	323	1141	87	307	24	n.a.	362	269	2558	3536	191	980				
VII.98	335	676	38	21	376	1145	233	n.a.	1	0	2553	2825	428	483	342	853	85	200	12	n.a.	434	142	2049	2979	-504	154				
VIII.98	438	871	41	111	362	1121	288	n.a.	0	0	2903	3212	398	490	381	442	90	74	5	n.a.	435	301	1494	2616	-1409	-596				
IX.98	404	749	5	155	389	1186	174	n.a.	1	0	2883	3063	410	415	668	786	92	62	65	n.a.	570	262	1765	3330	-1118	267				
X.98	387	756	5	30	397	1223	191	n.a.	0	0	2793	2989	426	417	589	834	81	67	22	n.a.	557	252	1825	3245	-968	256				
XI.98	436	775	10	45	359	1140	146	n.a.	1	18	2755	2930	400	408	547	910	55	48	46	n.a.	505	165	1821	3084	-934	154				
XII.98	593	1124	39	33	380	1127	115	n.a.	32	1	3257	3444	307	360	488	837	69	84	73	n.a.	502	148	1657	2868	-1600	-576				
1998	6165	10314	336	404	4450	13621	3019	n.a.	210	93	34954	38612	3954	5259	4802	12698	923	1493	503	n.a.	5015	2220	24327	36867	-10827	-1745				
I.07	1939	1948	204	4	457	1878	565	82	0	104	6995	7181	227	67	949	1393	80	7	0	435	0	170	2723	3328	-4272	-3853				
II.07	1594	1598	156	7	409	1040	462	106	0	161	5266	5533	220	95	783	1516	64	24	1	431	0	34	2703	3168	-2563	-2365				
III.07	1635	1701	105	23	449	1810	504	99	20	97	6227	6443	288	138	837	1374	71	2	0	472	186	167	2690	3515	-3537	-2928				
IV.07	1437	1238	69	12	418	1730	351	34	19	28	5255	5336	276	140	810	1367	66	1	6	648	230	253	2666	3797	-2589	-1539				
V.07	1193	801	42	15	443	1384	301	31	22	37	4179	4289	316	294	595	1507	74	4	11	623	300	272	2801	3996	-1378	-273				
VI.07	945	562	63	10	422	958	313	75	102	73	3348	3523	370	399	299	1754	60	22	10	379	192	171	3293	3656	-55	133				
VII.07	806	507	47	22	424	1487	421	26	58	61	3740	3859	488	546	766	1632	62	38	3	524	202	175	4059	4436	319	577				
VIII.07	859	750	13	9	405	1080	341	3	126	75	3460	3661	408	480	663	2249	64	98	2	539	99	154	4503	4756	1043	1095				
IX.07	1054	917	23	28	433	1556	280	39	109	100	4330	4539	518	240	753	1552	66	40	7	462	138	105	3638	3881	-692	-658				
X.07	1285	1377	28	115	465	1199	429	87	88	53	4985	5126	501	373	935	1263	66	63	3	481	202	141	3685	4028	-1300	-1098				
XI.07	1529	1677	44	247	447	1806	483	40	100	89	6273	6462	546	245	1065	450	66	0	1	515	207	95	2888	3190	-3385	-3272				
XII.07	1856	1950	92	237	443	2135	441	58	148	93	7212	7453	373	88	966	377	63	1	4	396	150	101	2268	2519	-4944	-4934				
2007	16132	15026	886	729	5215	18063	4891	680	792	971	61270	63385	4511	3105	9421	16434	802	300	48	5905	1906	1838	37917	44270	-23353	-19115				
I.08	1778	1915	195	27	460	2222	799	23	32	37	7419	7488	332	59	948	832	71	1	0	667	285	180	2910	3375	-4509	-4113				
II.08	1692	1603	84	74	434	1811	687	5	7	10	6390	6407	271	55	787	560	64	30	0	746	227	300	2513	3040	-3877	-3367				
III.08	1707	1642	37	167	446	2452	608	8	0	13	7067	7080	476	73	829	338	68	0	1	731	0	344	2516	2860	-4551	-4220				
IV.08	1344	1228	28	103	442	2020	359	3	3	8	5527	5538	440	88	712	571	69	1	3	831	60	351	2715	3126	-2812	-2412				
V.08	991	562	25	41	446	1642	249	22	56	21	3978	4055	473	334	458	1081	72	29	35	450	200	240	2932	3372	-1046	-683				
VI.08	583	471	8	11	436	1244	260	25	31	30	3038	3099	660	520	590	1312	69	74	32	522	151	189	3779	4119	741	1020				
VII.08	533	353	14	36	457	1235	409	33	49	54	3070	3173	811	509	747	1156	73	44	2	524	227	262	3866	4355	796	1182				
VIII.08	697	726	10	44	421	1094	290	134	244	79	3416	3739	642	323	603	1602	70	152	12	239	39	95	3643	3777	227	38				
IX.08	1056	645	154	86	429	1316	323	75	82	57	4084	4223	360	449	306	1015	63	131	10	535	214	159	2869	3242	-1215	-981				
X.08	1475	1520	367	230	453	1074	569	42	56	51	5730	5837	338	128	524	377	67	232	0	692	228	179	2358	2765	-3372	-3072				
XI.08	1455	1450	339	40	435	1289	559	93	98	76	5660	5834	339	109	604	805	70	92	0	599	197	123	2618	2938	-3042	-2896				
XII.08	1686	1743	65	9	443	1460	466	123	120	107	5995	6222	465	62	832	920	79	43	1	644	145	85	3046	3276	-2949	-2946				
2008	14997	13858	1326	868	5302	18859	5578	596	778	543	61374	62695	5607	2709	7940	10569	835	829	96	7180	1973	2507	35765	40245	-25609	-22450				

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".² Physical exchanges of the year 1998 with the whole Denmark.

Physical exchanges in interconnected operation ¹

MM_YY	Export (-)					Import (+)					DK_W_UCTE		DK_W_Total
	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	Balance	Balance	
I.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.	n.a.
II.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.	n.a.
III.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.	n.a.
IV.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.	n.a.
V.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.	n.a.
VI.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.	n.a.
VII.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.	n.a.
VIII.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.	n.a.
IX.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.	n.a.
X.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.	n.a.
XI.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.	n.a.
XII.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.	n.a.
1998	n.a.	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.07	435	240	103	435	778	82	230	70	82	382	-353	-396	-396
II.07	431	212	201	431	844	106	213	21	106	340	-325	-504	-504
III.07	472	166	50	472	688	99	272	88	99	459	-373	-229	-229
IV.07	648	62	11	648	721	34	415	242	34	691	-614	-30	-30
V.07	623	16	7	623	646	31	512	314	31	857	-592	211	192
VI.07	379	25	13	379	417	75	279	255	75	609	-304	142	142
VII.07	524	18	62	524	604	26	607	113	26	746	-498	142	142
VIII.07	539	0	30	539	569	3	657	150	3	810	-536	241	241
IX.07	462	10	141	462	613	39	300	116	39	455	-423	-158	-158
X.07	481	65	77	481	623	87	258	142	87	487	-394	-136	-136
XI.07	515	146	169	515	830	40	120	45	40	205	-475	-625	-625
XII.07	396	195	120	396	711	58	107	65	58	230	-338	-481	-481
2007	5905	1155	984	5905	8044	680	3970	1621	680	6271	-5225	-1773	-1773
I.08	667	95	65	667	827	23	192	178	23	393	-644	-434	-434
II.08	746	20	40	746	806	5	264	257	5	526	-741	-280	-280
III.08	731	14	44	731	789	8	316	254	8	578	-723	-211	-211
IV.08	831	3	0	831	834	3	353	440	3	796	-828	-38	-38
V.08	450	0	5	450	455	22	286	418	22	726	-428	271	271
VI.08	522	1	25	522	548	25	352	238	25	615	-497	67	67
VII.08	524	3	37	524	564	33	606	240	33	879	-491	315	315
VIII.08	239	26	61	239	326	134	568	47	134	749	-105	423	423
IX.08	535	10	77	535	622	75	531	188	75	794	-460	172	172
X.08	692	33	234	692	959	42	558	60	42	660	-650	-299	-299
XI.08	599	114	328	599	1041	93	386	22	93	501	-506	-540	-540
XII.08	644	105	279	644	1028	123	402	22	123	547	-521	-481	-481
2008	7180	424	1195	7180	8799	586	4814	2364	586	7764	-6594	-1035	-1035

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	
				1998	n.a.
Thermal nuclear net generation	GWh	Σ	2007	0	0
			2008	0	0
Fossil fuels net generation	GWh	Σ	1998	n.a.	
			2007	16403	
			2008	15910	
Hydraulic net generation	GWh	Σ	1998	n.a.	
			2007	31	
			2008	27	
Other renewable net generation ¹	GWh	Σ	2007	7135	
			2008	6804	
- of which wind	GWh	Σ	2007	5625	
			2008	5209	
Non-identifiable net generation ¹	GWh	Σ	2007	0	
			2008	0	
Total net electrical energy generation calculated to represent 100% of the national values	GWh	Σ	1998	n.a.	
			2007 ²	23569	
			2008 ²	22741	
Physical import	GWh	Σ	1998	n.a.	
			2007	6271	
			2008	7764	
Physical export	GWh	Σ	1998	n.a.	
			2007	8044	
			2008	8799	
Total physical import/export balance	GWh	Σ	1998	n.a.	
			2007	-1775	
			2008	-1029	
Consumption of pumps	GWh	Σ	1998	n.a.	
			2007	0	
			2008	0	
National electrical consumption, calculated to represent 100% of the national values	GWh	Σ	1998	n.a.	
			2007	21794	
			2008	21712	
Consumption load 3:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1998	n.a.	
			2007	2116	
			2008	2083	
Consumption load 11:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1998	n.a.	
			2007	3653	
			2008	3508	
Highest load on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1998	n.a.	
			2007	3713	
			2008	3664	
Time of highest load on the 3rd Wednesday		CET	1998	n.a.	
			2007	09:00	
			2008	18:00	
Power produced in parallel operation on the 3rd Wednesday at 11:00 a.m.	MW	max.	1998	n.a.	

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.
	1402	1728	1436	1142	1035	1157	914	1040	1196	1621	1887	1845
	1506	1345	1355	1445	1168	1088	888	826	1157	1499	1723	1910
	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	5	3	4	2	2	2	2	2	2	2	2	3
	4	3	4	3	2	1	1	1	2	2	2	2
	1035	637	701	573	468	317	545	478	689	402	692	598
	969	814	749	338	282	535	399	461	396	652	707	502
	913	525	572	453	337	213	425	370	580	257	539	441
	817	670	603	215	178	431	274	349	275	510	556	331
	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.
	2442	2368	2141	1717	1505	1476	1461	1520	1887	2025	2581	2446
	2479	2162	2108	1786	1452	1624	1288	1288	1555	2153	2432	2414
	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	382	340	459	691	857	609	746	810	455	487	205	230
	393	526	578	796	726	615	879	749	794	660	501	547
	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	0	n.a.	n.a.	n.a.
	778	844	688	721	646	417	604	569	613	623	830	711
	827	806	789	834	455	548	564	326	622	959	1041	1028
	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	-395	-504	-230	-31	211	192	142	242	-159	-136	-627	-480
	-431	-278	-211	-36	272	67	314	423	172	-299	-540	-482
	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.
	2047	1864	1911	1686	1716	1668	1603	1762	1728	1889	1954	1966
	2048	1884	1897	1750	1724	1691	1602	1711	1727	1854	1892	1932
	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	1970	2087	1977	1887	1859	1789	1638	1900	1823	1884	2038	2116
	2083	2015	2021	1958	1894	1844	1580	1825	1819	1775	1967	1957
	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	3483	3573	3254	3136	3132	3024	2684	3235	3179	3198	3476	3653
	3508	3319	3204	3205	3089	3048	2627	3157	3105	3254	3408	3508
	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	3612	3573	3254	3136	3132	3024	2684	3244	3179	3198	3648	3713
	3664	3351	3204	3205	3089	3049	2627	3157	3105	3254	3580	3571
	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	18:00	11:00	11:00	11:00	11:00	11:00	11:00	12:00	11:00	11:00	18:00	09:00
	18:00	19:00	11:00	11:00	11:00	12:00	11:00	11:00	11:00	11:00	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.

²including deliveries from industry

				I-XII
Thermal nuclear net generation	GWh	Σ	1998	56572
			2007	52668
			2008	56482
Fossil fuels net generation	GWh	Σ	1998	81879
			2007	157059
			2008	158005
Hydraulic net generation	GWh	Σ	1998	33697
			2007	29881
			2008	25380
Other renewable net generation ¹	GWh	Σ	2007	31764
			2008	38599
- of which wind	GWh	Σ	2007	26888
			2008	31267
Non-identifiable net generation ¹	GWh	Σ	2007	0
			2008	297
Total net electrical energy generation calculated to represent 100% of the national values	GWh	Σ	1998	183114
			2007	277901
			2008	285681
Physical import	GWh	Σ	1998	8907
			2007	8796
			2008	5894
Physical export	GWh	Σ	1998	5347
			2007	14098
			2008	16485
Total physical import/export balance	GWh	Σ	1998	3404
			2007	-5752
			2008	-11039
Consumption of pumps	GWh	Σ	1998	2588
			2007	4350
			2008	3729
National electrical consumption, calculated to represent 100% of the national values	GWh	Σ	1998	183930
			2007	267799
			2008	270913
Consumption load 3:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1998	19475
			2007	28413
			2008	27775
Consumption load 11:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1998	27473
			2007	41311
			2008	40680
Highest load on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1998	48997
			2007	43352
			2008	42588
Time of highest load on the 3rd Wednesday		CET	1998	20:00
			2007	18:00
			2008	19:00
Power produced in parallel operation on the 3rd Wednesday at 11:00 a.m.	MW	max.	1998	26029

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
4850	4865	4461	4237	4652	4934	5287	5285	4524	4228	4440	4809
5327	4771	4948	4346	3489	3163	3865	3984	4880	4894	3935	5066
5338	5134	5360	4033	4687	4586	4559	4999	4483	4317	4044	4942
4590	4787	7098	6007	5059	5775	7378	6409	8021	8129	8678	9948
13995	10500	10553	11600	12115	13675	14541	12895	13079	13468	15207	15431
15094	15130	12506	12113	11433	11744	14595	13252	13317	13551	13180	12090
5667	3836	2514	3296	3832	3257	2537	2116	1839	1913	1493	1397
2508	3262	4149	3034	3066	2526	2666	2012	1600	1916	1597	1545
1679	1246	1345	2853	3496	3339	2348	1657	1468	1298	1858	2793
2515	3187	3452	1720	2967	2177	2324	2840	2324	2364	3159	2735
3076	2460	4569	3828	2167	2611	2642	2590	2761	3087	4028	4780
2152	2865	3068	1349	2582	1778	1878	2404	1899	1890	2724	2299
2637	2005	4068	3309	1712	2043	2072	1921	2088	2427	3383	3602
0	0	0	0	0	0	0	0	0	0	0	0
25	31	25	25	24	23	24	22	24	26	26	22
16069	14347	14970	14403	14405	14855	16170	14691	15300	15179	15542	17183
24910	22212	23610	21149	22168	22079	23968	22279	22410	23183	24535	25398
25841	24598	24432	23428	22275	22804	24758	23066	22610	22861	23756	25252
683	636	725	714	751	671	803	761	681	821	823	838
1187	895	1045	786	724	804	867	888	527	256	291	526
777	614	364	258	564	336	506	502	417	285	591	680
363	276	304	310	405	413	490	418	669	595	527	577
1032	1089	1242	1012	1191	993	1136	1174	1361	1356	1305	1207
1186	1227	1521	1507	1303	1360	1396	1267	1327	1350	1491	1550
340	346	405	389	355	245	285	320	-25	206	284	254
95	-236	-243	-261	-495	-224	-290	-314	-847	-1154	-1053	-730
-457	-656	-1199	-1292	-761	-1052	-908	-796	-936	-1102	-948	-932
277	135	111	215	182	115	203	320	193	172	214	451
363	389	376	292	397	351	331	368	338	303	375	467
419	411	391	216	200	274	246	186	221	294	411	460
16132	14558	15264	14577	14578	14985	16252	14691	15082	15213	15612	16986
24642	21587	22991	20596	21276	21504	23347	21597	21225	21726	23107	24201
24965	23531	22842	21920	21314	21478	23604	22084	21453	21465	22397	23860
18177	17747	17430	18154	16758	17361	18046	16623	17791	16988	18260	19475
28178	26589	26331	23460	23542	23874	25646	22479	23206	23493	26423	28413
27775	26842	24202	25353	23786	24462	25304	23962	24243	23116	24110	25756
25457	24502	23881	25229	23613	23858	24937	22177	23509	24148	24971	27473
39522	37994	38301	34245	34940	35620	38307	25561	34745	34003	37275	41311
40591	38543	31944	35484	34962	35412	37088	33392	35793	34214	36505	40680
27172	25957	24273	25918	23930	24705	26042	23036	48997	25784	26931	29529
40477	38812	40405	35243	35251	36401	39325	29888	35485	36788	39567	43352
42118	39519	34000	36942	35136	35903	37618	34186	36328	36487	39568	42588
20:00	20:00	21:00	12:00	13:00	18:00	18:00	13:00	06:00	21:00	19:00	20:00
20:00	21:00	20:00	21:00	12:00	13:00	13:00	22:00	12:00	20:00	19:00	18:00
19:00	20:00	20:00	21:00	12:00	12:00	12:00	13:00	21:00	20:00	19:00	19:00
23803	22361	22251	23836	21771	22387	23475	20971	23758	22522	23196	26029

Physical exchanges in interconnected operation ¹

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.98	88	275	0	363	363	404	279	0	683	683	320	320
II.98	64	212	0	276	276	406	230	0	636	636	360	360
III.98	62	242	0	304	304	474	251	0	725	725	421	421
IV.98	45	265	0	310	310	448	266	0	714	714	404	404
V.98	47	343	15	390	405	402	348	1	750	751	360	346
VI.98	60	277	76	337	413	387	284	0	671	671	334	258
VII.98	58	365	67	423	490	422	381	0	803	803	380	313
VIII.98	52	301	65	353	418	448	313	0	761	761	408	343
IX.98	72	425	172	497	669	403	278	0	681	681	184	12
X.98	71	359	165	430	595	455	366	0	821	821	391	226
XI.98	74	372	81	446	527	444	379	0	823	823	377	296
XII.98	64	453	60	517	577	494	344	0	838	838	321	261
1998	757	3889	701	4646	5347	5187	3719	1	8906	8907	4260	3560
I.07	71	687	274	758	1032	731	455	1	1186	1187	428	155
II.07	58	784	247	842	1089	537	357	1	894	895	52	-194
III.07	83	831	328	914	1242	700	345	0	1045	1045	131	-197
IV.07	29	694	289	723	1012	681	104	1	785	786	62	-226
V.07	63	748	380	811	1191	569	155	0	724	724	-87	-467
VI.07	48	609	336	657	993	691	113	0	804	804	147	-189
VII.07	79	738	319	817	1136	715	151	1	866	867	49	-269
VIII.07	41	847	286	888	1174	737	150	1	887	888	-1	-286
IX.07	97	918	346	1015	1361	441	86	0	527	527	-488	-834
X.07	182	908	266	1090	1356	221	32	3	253	256	-837	-1100
XI.07	216	859	230	1075	1305	178	111	2	289	291	-786	-1014
XII.07	146	860	201	1006	1207	420	95	11	515	526	-491	-681
2007	1113	9483	3502	10596	14098	6621	2154	21	8775	8796	-1821	-5302
I.08	71	878	237	949	1186	594	181	2	775	777	-174	-409
II.08	35	845	347	880	1227	532	82	0	614	614	-266	-613
III.08	161	1066	294	1227	1521	324	38	2	362	364	-865	-1157
IV.08	174	948	385	1122	1507	197	61	0	258	258	-864	-1249
V.08	115	850	338	965	1303	483	80	1	563	564	-402	-739
VI.08	142	863	355	1005	1360	248	87	1	335	336	-670	-1024
VII.08	129	795	472	924	1396	425	81	0	506	506	-418	-890
VIII.08	79	697	491	776	1267	398	104	0	502	502	-274	-765
IX.08	130	746	451	876	1327	299	118	0	417	417	-459	-910
X.08	191	822	337	1013	1350	217	64	4	281	285	-732	-1065
XI.08	222	1032	237	1254	1491	420	168	3	588	591	-666	-900
XII.08	212	1055	283	1267	1550	427	251	2	678	680	-589	-870
2008	1661	10597	4227	12258	16485	4564	1315	15	5879	5894	-6379	-10591

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".

MM_YY	Export (-)								Import (+)								FR_Total	
	FR→BE	FR→CH	FR→DE	FR→ES	FR→IT	FR→GB	UCTE_EXP	Total_EXP	BE→FR	CH→FR	DE→FR	ES→FR	IT→FR	GB→FR	UCTE_IMP	Total_IMP		FR_UCTE
I.98	489	1098	1520	404	1686	1372	5197	6569	30	51	0	88	32	0	201	201	-4996	-6368
II.98	409	987	1122	406	1612	1328	4536	5864	60	60	0	64	34	0	218	218	-4318	-5646
III.98	611	1097	1522	474	1654	1474	5358	6832	28	50	0	62	34	0	174	174	-5184	-6658
IV.98	467	818	1363	448	1268	1357	4364	5721	116	36	0	45	23	0	220	220	-4144	-5501
V.98	358	810	1368	402	1522	1418	4460	5878	84	12	0	47	37	0	180	180	-4280	-5698
VI.98	443	616	1141	387	1452	1152	4039	5191	9	11	0	60	41	0	130	130	-3909	-5061
VII.98	464	513	853	422	1218	235	3470	3705	48	163	21	58	40	14	330	344	-3140	-3361
VIII.98	237	415	442	448	653	23	2195	2218	232	240	111	52	92	18	727	745	-1468	-1473
IX.98	257	536	786	403	1193	707	3175	3882	208	142	155	72	14	0	591	591	-2584	-3291
X.98	290	804	834	455	1502	1246	3885	5131	112	36	30	71	25	0	274	274	-3611	-4857
XI.98	272	695	910	444	1445	1194	3766	4960	150	83	45	74	36	0	388	388	-3378	-4572
XII.98	178	783	837	494	1381	1092	3673	4765	368	123	33	64	45	0	633	633	-3040	-4132
1998	4475	9172	12698	5187	16586	12598	48118	60716	1445	1007	404	757	453	32	4066	4098	-44052	-56618
I.07	311	1152	1393	731	1296	690	4883	5573	321	139	4	71	87	288	622	910	-4261	-4663
II.07	490	1157	1516	537	1330	550	5030	5580	192	53	7	58	68	217	378	595	-4652	-4985
III.07	466	1287	1374	700	1472	765	5299	6064	278	96	23	83	70	66	550	616	-4749	-5448
IV.07	385	997	1367	681	1425	365	4855	5220	265	120	12	29	58	244	484	728	-4371	-4492
V.07	1057	770	1507	569	1347	697	5250	5947	53	59	15	63	64	182	254	436	-4996	-5511
VI.07	1318	703	1754	691	1471	944	5937	6881	39	93	10	48	41	30	231	261	-5706	-6620
VII.07	949	501	1632	715	1395	1036	5192	6228	42	391	22	79	106	24	640	664	-4552	-5564
VIII.07	1278	726	2249	737	1142	1238	6132	7370	2	290	9	41	126	0	468	468	-5664	-6902
IX.07	917	734	1552	441	1135	946	4779	5725	19	359	28	97	72	6	575	581	-4204	-5144
X.07	613	817	1263	221	1236	645	4150	4795	140	221	115	182	62	249	720	969	-3430	-3826
XI.07	241	671	450	178	905	256	2445	2701	613	385	247	216	184	596	1645	2241	-800	-460
2007	8346	10442	16434	6621	15132	8490	56975	65465	2321	2648	729	1113	1154	2395	7965	10360	-49010	-55105
I.08	369	983	832	594	1189	1034	3967	5001	241	301	27	71	157	74	797	871	-3170	-4130
II.08	589	1013	560	532	1179	863	3873	4736	125	182	74	35	116	62	532	594	-3341	-4142
III.08	385	858	338	324	1148	806	3053	3859	207	240	167	161	159	53	934	987	-2119	-2872
IV.08	554	794	571	197	1131	1039	3247	4286	72	165	103	174	70	54	584	638	-2663	-3648
V.08	1030	727	1081	483	1240	1472	4561	6033	26	116	41	115	42	0	340	340	-4221	-5693
VI.08	1187	540	1312	248	944	1299	4231	5530	6	266	11	142	61	0	486	486	-3745	-5044
VII.08	711	446	1156	425	1143	1413	3881	5294	84	391	36	129	50	0	690	690	-3191	-4604
VIII.08	1158	562	1602	398	906	1315	4626	5941	32	346	44	79	58	0	559	559	-4067	-5382
IX.08	659	419	1015	299	891	1164	3283	4447	91	552	86	130	61	3	920	923	-2363	-3524
X.08	162	665	377	217	791	758	2212	2970	467	463	230	191	91	183	1442	1625	-770	-1345
XI.08	278	840	805	420	1172	738	3515	4253	287	164	40	222	82	194	795	989	-2720	-3264
XII.08	204	940	920	427	1107	547	3598	4145	398	362	9	212	193	300	1174	1474	-2424	-2671
2008	7286	8787	10569	4564	12841	12448	44047	56495	2036	3548	868	1661	1140	923	9253	10176	-34794	-46319

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	
				1998	2007
Thermal nuclear net generation	GWh	Σ	2008	368500	418609
			1998	418298	
Fossil fuels net generation	GWh	Σ	2007	47391	55033
			2008	53262	
Hydraulic net generation	GWh	Σ	1998	61882	63154
			2007	67960	
Other renewable net generation ¹	GWh	Σ	2008	7911	9595
- of which wind	GWh	Σ	2007	4048	5557
			2008		
Non-identifiable net generation ¹	GWh	Σ	2007	0	0
			2008		
Total net electrical energy generation calculated to represent 100% of the national values	GWh	Σ	1998	487503	544707
			2007	549115	
Physical import	GWh	Σ	1998	4098	10360
			2007	10176	
Physical export	GWh	Σ	1998	60716	65465
			2007	56495	
Total physical import/export balance	GWh	Σ	1998	-57943	-56716
			2007	-48004	
Consumption of pumps	GWh	Σ	1998	5565	7683
			2007	6612	
National electrical consumption, calculated to represent 100% of the national values	GWh	Σ	1998	423995	480308
			2007	494499	
Consumption load 3:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1998	53870	74738
			2007	65817	
Consumption load 11:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1998	63743	84816
			2007	81049	
Highest load on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1998	67251	87897
			2007	84239	
Time of highest load on the 3rd Wednesday		CET	1998	19:00	19:00
			2007	19:00	
Power produced in parallel operation on the 3rd Wednesday at 11:00 a.m.	MW	max.	2008	19:00	
			1998	72028	

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
36954	33565	34315	29984	28368	27214	27803	24470	27450	31551	32598	34228
40872	36169	36738	31721	31803	30865	31819	32610	33301	36896	35806	40009
40922	38900	37204	34294	31973	28517	31838	32030	31239	33950	36123	41308
4218	3967	4725	4751	2832	2736	3669	2688	2970	3058	5209	6568
6519	5865	6333	3593	2837	2490	2588	2090	2941	4237	7522	8018
7011	6151	6405	3900	1952	2875	2526	1733	3096	4397	6062	7154
6460	4748	4784	5808	5977	5857	4149	3220	3882	5829	5989	5179
5360	5530	6755	5319	6041	7205	6135	5071	3965	3888	3335	4550
6037	4421	5531	6988	7167	8311	5983	4247	4832	3751	5103	5589
777	667	693	467	659	520	668	590	562	549	813	946
987	788	1096	734	616	575	672	730	737	741	969	950
425	354	349	185	356	241	331	279	267	273	432	556
604	431	701	420	285	278	340	392	436	451	606	613
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
48603	43141	44717	41368	37933	36536	36346	30996	35001	41261	44689	46912
53528	48231	50519	41100	41340	41080	41210	40361	40769	45570	47476	53523
54957	50260	50236	45916	41708	40278	41019	38740	39904	42839	48257	55001
201	218	174	220	180	130	344	745	591	274	388	633
910	595	616	728	436	261	664	468	581	969	2241	1891
871	594	987	638	340	486	690	559	923	1625	989	1474
6569	5864	6832	5721	5878	5191	3705	2218	3882	5131	4960	4765
5573	5580	6064	5220	5947	6881	6228	7370	5725	4795	2701	3381
5001	4736	3859	4286	6033	5530	5294	5941	4447	2970	4253	4145
-6548	-5994	-6794	-5576	-5766	-5149	-3444	-1514	-3191	-4945	-4744	-4278
-4799	-5104	-5561	-4608	-5635	-6739	-5753	-7085	-5280	-3920	-595	-1637
-4300	-4302	-3020	-3764	-5798	-5160	-4747	-5510	-3683	-1444	-3427	-2849
497	321	430	430	457	459	546	391	460	615	493	466
759	669	567	682	711	449	499	424	505	782	813	823
799	691	750	531	454	289	273	279	498	706	618	724
41558	36826	37493	35362	31710	30928	32356	29091	31350	35701	39452	42168
47970	42458	44391	35810	34994	33892	34958	32852	34984	40868	46068	51063
49858	45267	46466	41621	35456	34829	35999	32951	35723	40689	44212	51428
52909	48905	46579	49156	37656	38502	35414	34558	38982	44165	53870	49722
55398	55558	63234	43021	43622	41374	42412	37137	42382	45189	55909	74738
59631	60831	59647	56130	43005	42227	43032	38357	42985	43709	53708	65817
63743	58173	56513	61942	49863	50945	51100	44941	52311	57536	60637	61779
69447	67724	72465	56239	57890	56143	56829	42016	57495	60488	69864	84816
74468	71400	71181	67199	56931	56501	57469	51227	57455	59506	68408	81049
67251	59766	57617	62029	50317	51360	51697	45617	52513	58196	65481	64931
72668	69366	73981	56753	58357	56758	57763	44765	58000	61781	73257	87897
77932	72810	74083	68374	57506	57592	58645	52650	58173	60549	72967	84239
19:00	09:00	10:00	12:00	12:00	12:00	12:00	13:00	10:00	10:00	19:00	19:00
19:00	19:00	20:00	12:00	13:00	12:00	12:00	13:00	12:00	20:00	19:00	19:00
19:00	19:00	20:00	09:00	13:00	13:00	13:00	13:00	12:00	20:00	19:00	19:00
72028	65738	64935	67759	56942	56646	54437	46345	56706	63460	66398	67971

			I-XII	
			1998	
Thermal nuclear net generation	GWh	Σ	2007	0
			2008	0
Fossil fuels net generation	GWh	Σ	1998	35000
			2007	47577
			2008	46717
Hydraulic net generation	GWh	Σ	1998	3849
			2007	3367
			2008	3298
Other renewable net generation ¹	GWh	Σ	2007	1511
			2008	1878
- of which wind	GWh	Σ	2007	1333
			2008	1662
Non-identifiable net generation ¹	GWh	Σ	2007	0
			2008	0
Total net electrical energy generation calculated to represent 100% of the national values	GWh	Σ	1998	40882
			2007 ²	52455
			2008 ²	51893
Physical import	GWh	Σ	1998	2509
			2007	6421
			2008	7575
Physical export	GWh	Σ	1998	889
			2007	2055
			2008	1964
Total physical import/export balance	GWh	Σ	1998	1618
			2007	4355
			2008	5615
Consumption of pumps	GWh	Σ	1998	208
			2007	1122
			2008	1198
National electrical consumption, calculated to represent 100% of the national values	GWh	Σ	1998	42292
			2007	55688
			2008	56310
Consumption load 3:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1998	4766
			2007	6262
			2008	6323
Consumption load 11:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1998	7113
			2007	9424
			2008	8777
Highest load on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1998	7380
			2007	9771
			2008	9007
Time of highest load on the 3rd Wednesday		CET	1998	13:00
			2007	13:00
			2008	13:00
Power produced in parallel operation on the 3rd Wednesday at 11:00 a.m.	MW	max.	1998	7145

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
2862	2447	2906	2649	2700	2916	3371	3286	2877	2980	2869	3137
4104	3683	3745	3453	3762	3998	4636	4303	3812	3898	3914	4269
4307	3741	3253	3427	3693	4049	4754	4325	3919	3784	3624	3841
333	567	279	142	171	249	423	364	159	169	393	600
313	238	193	208	283	336	523	315	185	179	278	316
308	289	253	179	264	379	450	302	230	181	199	264
140	127	154	92	88	80	149	119	123	130	150	159
144	135	193	163	96	131	146	194	123	178	145	230
130	118	142	80	74	67	135	104	106	110	129	138
123	115	173	143	78	115	131	178	107	160	127	212
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
3362	3171	3351	2937	3022	3331	3993	3841	3195	3313	3433	3933
4557	4048	4092	3753	4133	4414	5308	4737	4120	4207	4342	4744
4759	4165	3699	3769	4053	4559	5350	4821	4272	4143	3968	4335
238	95	250	274	240	292	358	278	231	136	73	44
402	489	638	488	422	667	734	631	564	508	409	469
485	660	853	597	567	655	675	741	580	469	640	653
74	95	93	70	45	53	43	75	56	81	71	133
238	200	151	128	128	103	103	113	189	230	232	240
226	190	182	161	112	108	101	127	156	222	193	186
163	0	157	204	195	239	315	203	175	55	1	-89
162	290	485	362	291	562	629	519	372	278	177	228
260	471	672	436	456	547	574	614	424	248	447	466
13	1	28	23	20	23	9	11	26	28	25	1
92	94	112	99	104	83	82	86	95	105	80	90
103	96	101	100	101	91	94	95	98	105	104	110
3512	3170	3480	3118	3197	3547	4299	4033	3344	3340	3409	3843
4627	4244	4465	4016	4320	4893	5855	5170	4397	4380	4439	4882
4916	4540	4270	4105	4408	5015	5830	5340	4598	4286	4311	4691
3966	3753	4255	3386	3212	3701	4766	4206	3493	3367	3790	4255
4855	4825	4430	4397	4523	5569	6262	5170	4617	4312	4628	5455
4963	5314	4285	4259	4509	5265	6323	5867	4826	4218	4530	4688
6006	5575	5972	5368	5144	5984	7113	6204	5570	5461	5563	6289
7284	7114	6765	6603	7495	9008	9424	6059	7490	6842	7214	8173
7671	7889	5986	6580	7269	8731	8777	8537	7529	6821	7299	7201
6160	5989	6244	5778	5583	6331	7380	6781	5890	5806	6165	6652
7796	7673	7393	7258	7718	9342	9771	6781	7839	7371	7905	8951
8013	8226	6382	7143	7368	9007	8933	8860	7659	7391	7738	7899
12:00	20:00	20:00	22:00	22:00	13:00	13:00	23:00	21:00	20:00	19:00	20:00
19:00	19:00	20:00	21:00	21:00	13:00	13:00	21:00	20:00	20:00	18:00	18:00
19:00	19:00	19:00	21:00	12:00	13:00	13:00	13:00	20:00	20:00	18:00	18:00
6052	5609	5932	5311	5181	6076	7145	6244	5637	5491	5538	6248

²including deliveries from industry

MM_YY	Export (-)						Import (+)						Balance			
	GR→BG	GR→IT	GR→MK ²	GR→AL	GR→TR	UCTE_EXP	Total_EXP	BG→GR	IT→GR	MK ² →GR	AL→GR	TR→GR	UCTE_IMP	Total_IMP	GR_UCTE	GR_Total
I.98	0	0	0	74	0	0	74	135	0	102	1	0	102	238	102	164
II.98	7	1	1	87	1	1	95	33	1	61	1	0	61	95	60	0
III.98	1	0	0	92	0	0	93	133	0	116	1	0	116	250	116	157
IV.98	4	1	1	65	1	1	70	122	1	151	1	0	151	274	150	204
V.98	1	1	1	43	1	1	45	117	1	122	1	0	122	240	121	195
VI.98	0	0	0	53	0	0	53	144	0	146	2	0	146	292	146	239
VII.98	1	0	0	42	0	0	43	183	0	173	2	0	173	358	173	315
VIII.98	0	0	0	75	0	0	75	59	0	218	1	0	218	278	218	203
IX.98	4	0	0	52	0	0	56	50	0	180	1	0	180	231	180	175
X.98	5	1	1	75	1	1	81	59	1	77	0	0	77	136	76	55
XI.98	4	1	1	66	1	1	71	41	1	32	0	0	32	73	31	2
XII.98	24	18	23	91	18	18	133	10	34	0	0	0	34	44	16	-89
1998	51	23	815	815	23	23	889	1086	11	1412	11	1412	1412	2509	1389	1620
I.07	0	15	223	0	0	15	238	243	125	34	0	0	402	402	387	164
II.07	0	1	3	196	0	4	200	290	129	70	0	0	489	489	485	289
III.07	0	5	0	146	0	5	151	415	97	126	0	0	638	638	633	487
IV.07	0	19	0	109	0	19	128	331	77	80	0	0	488	488	469	360
V.07	0	5	0	123	0	5	128	209	140	73	0	0	422	422	417	294
VI.07	0	2	0	101	0	2	103	479	105	83	0	0	667	667	665	564
VII.07	0	0	0	103	0	0	103	422	197	115	0	0	734	734	734	631
VIII.07	0	0	1	112	0	1	113	403	45	118	0	65	566	631	565	518
IX.07	0	47	21	121	0	68	189	409	85	46	0	24	540	564	472	375
X.07	0	16	30	184	0	46	230	358	99	51	0	0	508	508	462	278
XI.07	0	32	25	175	0	57	232	364	13	32	0	0	409	409	352	177
XII.07	0	43	16	181	0	59	240	374	19	76	0	0	469	469	410	229
2007	0	170	111	1774	0	281	2055	4297	1131	904	0	89	6332	6421	6051	4366
I.08	0	8	18	191	9	26	226	322	108	55	0	0	485	485	459	259
II.08	0	6	7	156	21	13	190	340	236	84	0	0	660	660	647	470
III.08	0	5	7	170	0	12	182	428	282	143	0	0	853	853	841	671
IV.08	0	55	3	103	0	58	161	395	99	103	0	0	597	597	539	436
V.08	0	11	5	96	0	16	112	351	138	78	0	0	567	567	551	455
VI.08	0	13	2	93	0	15	108	415	138	102	0	0	655	655	640	547
VII.08	0	0	3	98	0	3	101	467	91	117	0	0	675	675	672	574
VIII.08	0	11	2	114	0	13	127	486	150	105	0	0	741	741	728	614
IX.08	0	6	16	134	0	22	156	381	144	55	0	0	580	580	558	424
X.08	0	35	30	157	0	65	222	374	58	37	0	0	469	469	404	247
XI.08	0	13	2	178	0	15	193	398	121	121	0	0	640	640	625	447
XII.08	0	18	0	168	0	18	186	271	193	189	0	0	653	653	635	467
2008	0	181	95	1658	30	276	1964	4628	1758	1189	0	0	7575	7575	7299	5611

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". ² Physical exchanges of the year 2008 with YUGO

Physical exchanges in interconnected operation ¹

MM_YY	Export (-)							Import (+)							Balance	
	HR→BA	HR→YUGO	HR→HU	HR→RS	HR→SI	UCTE_EXP	Total_EXP	BA→HR	YUGO→HR	HU→HR	RS→HR	SI→HR	UCTE_IMP	Total_IMP	HR_UCTE	HR_Total
I.98	0	0	0	0	0	0	0	7	16	23		49	72	95	72	95
II.98	0	0	0	0	0	0	0	27	9	19		61	97	116	97	116
III.98	49	0	0	0	0	49	49	69	24	14		102	195	209	146	160
IV.98	10	0	0	0	0	10	10	68	1	22		82	151	173	141	163
V.98	8	0	0	0	0	8	8	105	9	60		106	220	280	212	272
VI.98	52	2	0	0	0	54	54	84	0	33		114	198	231	144	177
VII.98	69	0	0	0	0	69	69	62	2	39		147	211	250	142	181
VIII.98	41	0	0	0	0	41	41	67	1	36		148	216	252	175	211
IX.98	56	0	0	0	0	56	56	103	0	32		91	194	226	138	170
X.98	8	0	0	0	0	8	8	90	0	45		72	162	207	154	199
XI.98	8	0	0	0	0	8	8	51	0	35		58	109	144	101	136
XII.98	9	0	0	0	0	9	9	60	0	58		123	183	241	174	232
1998	310	2	0	0	0	312	312	793	62	416		1153	2008	2424	1696	2112
I.07	136	0	0	0	481	617	617	138		769	170	66	1143	1143	526	526
II.07	56	0	0	0	376	432	432	157		650	151	82	1040	1040	608	608
III.07	67	0	0	0	467	534	534	133		641	106	115	995	995	461	461
IV.07	82	0	0	0	381	463	463	95		500	118	185	898	898	435	435
V.07	112	0	0	0	209	321	321	103		432	149	174	858	858	537	537
VI.07	122	0	0	0	156	278	278	62		393	133	182	770	770	492	492
VII.07	141	0	0	0	219	360	360	75		398	111	283	867	867	507	507
VIII.07	172	0	0	0	124	296	296	66		384	89	344	883	883	587	587
IX.07	86	0	0	0	266	352	352	126		330	151	298	905	905	553	553
X.07	78	0	0	0	545	623	623	189		631	198	25	1043	1043	420	420
XI.07	54	0	0	0	640	694	694	317		675	206	35	1233	1233	539	539
XII.07	69	0	0	0	515	584	584	241		733	209	79	1262	1262	678	678
2007	1175	0	0	0	4379	5554	5554	1702	62	6536	1791	1868	11897	11897	6343	6343
I.08	64	0	0	0	513	577	577	191		733	206	68	1198	1198	621	621
II.08	74	0	0	0	403	477	477	184		606	166	101	1057	1057	580	580
III.08	50	0	0	0	551	601	601	282		610	216	69	1177	1177	576	576
IV.08	33	0	0	0	474	507	507	261		373	183	152	969	969	462	462
V.08	56	1	0	0	306	363	363	163		293	160	271	887	887	524	524
VI.08	55	2	0	0	265	322	322	162		185	138	272	757	757	435	435
VII.08	55	0	0	0	367	422	422	259		336	181	252	1028	1028	606	606
VIII.08	111	0	0	0	233	344	344	127		298	134	383	942	942	598	598
IX.08	62	1	0	0	270	333	333	176		268	144	296	884	884	551	551
X.08	47	0	0	0	426	473	473	280		533	149	134	1096	1096	623	623
XI.08	61	0	0	0	448	509	509	263		507	202	122	1094	1094	585	585
XII.08	69	0	0	0	672	741	741	316		559	182	101	1158	1158	417	417
2008	737	4	0	0	4928	5669	5669	2664	62	5301	2061	2221	12247	12247	6578	6578

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 generation	GWh	Σ	1998	0
			2007	0
			2008	0
Fossil fuels net generation	GWh	Σ	1998	4573
			2007	6664
			2008	6090
Hydraulic net generation	GWh	Σ	1998	5437
			2007	4361
			2008	5284
Other renewable net generation ¹	GWh	Σ	2007	39
			2008	44
- of which wind	GWh	Σ	2007	35
			2008	41
Non-identifiable net generation ¹	GWh	Σ	2007	0
			2008	0
Total net electrical energy generation calculated to represent 100% of the national values	GWh	Σ	1998 ²	10010
			2007 ²	11064
			2008 ²	11418
Physical import	GWh	Σ	1998	2424
			2007	11897
			2008	12247
Physical export	GWh	Σ	1998	312
			2007	5554
			2008	5669
Total physical import/export balance	GWh	Σ	1998	2111
			2007	6549
			2008	6597
Consumption of pumps	GWh	Σ	1998	13
			2007	233
			2008	154
National electrical consumption, calculated to represent 100% of the national values	GWh	Σ	1998	12108
			2007	17380
			2008	17861
Consumption load 3:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1998	1232
			2007	1778
			2008	1675
Consumption load 11:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1998	2203
			2007	2713
			2008	2556
Highest load on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1998	2354
			2007	3036
			2008	2839
Time of highest load on the 3rd Wednesday		CET	1998	18:00
			2007	18:00
			2008	20:00
Power produced in parallel operation on the 3rd Wednesday at 11:00 a.m.	MW	max.	1998	1880

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
0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0
291	412	497	302	271	209	262	452	450	223	504	700	
684	429	496	428	452	489	555	608	537	745	676	565	
564	599	559	379	347	493	583	560	596	594	456	360	
665	403	348	411	413	343	352	342	366	653	617	524	
369	385	534	427	348	271	316	254	259	312	380	506	
505	372	437	566	488	468	346	323	267	228	427	857	
3	4	5	2	3	1	2	3	4	4	5	3	
4	4	4	5	3	2	3	2	4	3	4	6	
3	3	4	2	3	1	2	3	3	4	4	3	
4	3	4	4	3	2	3	2	4	3	4	5	
0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	
956	815	845	713	684	552	614	794	816	876	1121	1224	
1056	818	1035	857	803	761	873	865	800	1061	1061	1074	
1073	975	1000	950	838	963	932	885	867	825	887	1223	
95	116	209	173	280	231	250	252	226	207	144	241	
1143	1040	995	898	858	770	867	883	905	1043	1233	1262	
1198	1057	1177	969	887	757	1028	942	884	1096	1094	1158	
0	0	49	10	8	54	69	41	56	8	8	9	
617	432	534	463	321	278	360	296	352	623	694	584	
577	477	601	507	363	322	422	344	333	473	509	741	
94	116	160	163	272	177	181	211	170	199	136	232	
520	611	463	437	537	572	632	589	551	420	538	679	
622	581	576	461	525	436	606	600	552	623	597	418	
1	1	1	1	1	2	1	0	1	3	1	0	
21	23	13	14	21	10	20	21	25	15	29	21	
14	12	6	14	10	17	25	19	10	18	9	0	
1049	930	1004	875	955	727	794	1005	985	1072	1256	1456	
1555	1406	1485	1280	1319	1323	1485	1433	1326	1466	1570	1732	
1681	1544	1570	1397	1353	1382	1513	1466	1409	1430	1475	1641	
1232	1120	1197	1091	944	905	961	1042	953	989	1225	1232	
1480	1509	1490	1296	1306	1439	1593	1400	1323	1406	1669	1778	
1571	1675	1567	1467	1352	1367	1486	1469	1362	1362	1464	1544	
1998	1927	2008	1825	1608	1614	1639	1657	1627	1832	2110	2203	
2388	2298	2357	2004	2024	2308	2448	1871	2122	2183	2591	2713	
2495	2556	2427	2256	2184	2190	2284	2310	2187	2141	2349	2540	
2168	2055	2115	1860	1997	1671	1702	1702	1773	1940	2281	2354	
2621	2549	2624	2302	2179	2446	2633	2109	2350	2562	2902	3036	
2740	2839	2738	2515	2269	2267	2434	2553	2463	2512	2737	2741	
19:00	20:00	20:00	10:00	15:00	12:00	12:00	21:00	21:00	20:00	19:00	18:00	
18:00	19:00	20:00	21:00	22:00	13:00	13:00	22:00	21:00	20:00	18:00	18:00	
18:00	20:00	20:00	21:00	21:00	22:00	22:00	21:00	21:00	20:00	18:00	18:00	
1817	1703	1703	1466	1131	1292	1315	1358	1320	1345	1880	1730	

²including deliveries from industry

				I-XII
Thermal nuclear net generation	GWh	Σ	1998	13122
			2007	13796
			2008	13967
Fossil fuels net generation	GWh	Σ	1998	21924
			2007	21811
			2008	19375
Hydraulic net generation	GWh	Σ	1998	150
			2007	209
			2008	208
Other renewable net generation ¹	GWh	Σ	2007	1485
			2008	1460
- of which wind	GWh	Σ	2007	110
			2008	181
Non-identifiable net generation ¹	GWh	Σ	2007	0
			2008	2372
Total net electrical energy generation calculated to represent 100% of the national values	GWh	Σ	1998 ²	34169
			2007 ²	37301
			2008 ²	37382
Physical import	GWh	Σ	1998	2249
			2007	14680
			2008	12772
Physical export	GWh	Σ	1998	2465
			2007	10696
			2008	8867
Total physical import/export balance	GWh	Σ	1998	741
			2007	3988
			2008	3902
Consumption of pumps	GWh	Σ	1998	0
			2007	0
			2008	0
National electrical consumption, calculated to represent 100% of the national values	GWh	Σ	1998	34910
			2007	41289
			2008	41284
Consumption load 3:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1998	n.a.
			2007	4700
			2008	4702
Consumption load 11:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1998	n.a.
			2007	6019
			2008	6104
Highest load on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1998	n.a.
			2007	6540
			2008	6286
Time of highest load on the 3rd Wednesday		CET	1998	n.a.
			2007	18:00
			2008	20:00
Power produced in parallel operation on the 3rd Wednesday at 11:00 a.m.	MW	max.	1998	5496

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
1262	1150	1016	816	947	910	890	1040	1239	1295	1258	1299
1342	1205	977	952	1011	1075	1011	1177	1013	1331	1327	1375
1384	1296	1323	976	997	1017	1014	1009	998	1290	1255	1408
1827	1827	1827	1827	1827	1827	1827	1827	1827	1827	1827	1827
1957	1692	1993	1730	1756	1634	1747	1661	1653	1872	1998	2118
1754	1445	1583	1591	1462	1544	1615	1638	1693	1710	1703	1637
13	15	16	8	14	15	4	19	20	8	3	15
12	4	9	26	25	20	18	12	22	22	21	18
18	19	6	10	18	24	21	19	19	21	17	16
112	119	111	99	123	124	142	130	113	130	139	143
117	111	120	84	104	99	117	106	158	151	139	154
10	7	10	6	9	5	11	7	11	8	17	9
12	12	17	2	13	8	20	15	18	15	20	29
0	0	0	0	0	0	0	0	0	0	0	0
207	237	256	234	163	182	165	141	110	217	227	233
3102	2839	3091	2679	2512	2449	2535	2578	2799	2970	3234	3381
3423	3020	3090	2807	2915	2853	2918	2980	2801	3355	3485	3654
3480	3108	3288	2895	2744	2866	2932	2913	2978	3389	3341	3448
207	152	163	167	187	176	210	124	177	237	223	226
1480	1360	1379	1102	1120	1072	1312	1186	1130	1195	1125	1219
1455	1353	1224	1032	1034	854	1037	954	966	1050	925	888
202	173	186	161	161	99	132	142	323	257	263	366
1267	1088	979	702	724	562	729	801	645	992	1026	1181
1164	970	947	565	472	399	543	560	588	943	817	899
127	66	61	98	177	136	153	36	-50	20	-8	-75
214	271	401	400	397	511	583	385	487	203	98	38
291	382	277	467	560	456	494	394	379	107	107	-12
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
3229	2905	3152	2777	2689	2585	2688	2614	2749	2990	3226	3306
3637	3291	3491	3207	3312	3364	3501	3365	3288	3558	3583	3692
3771	3490	3565	3362	3304	3322	3426	3307	3357	3496	3448	3436
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
4576	4588	4472	4146	4105	4451	4523	4139	4090	4435	4543	4700
4665	4702	4530	4235	4123	4239	4117	3780	4120	4394	4237	4087
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
5710	5714	5497	5303	5144	5781	5976	5470	5347	5593	5746	6019
6104	5848	5754	5547	5375	5559	5519	4232	5588	5518	5764	5440
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
6105	6051	5893	5532	5367	6116	6174	5690	5699	6096	6460	6540
6286	6186	6135	5692	5467	5688	5651	4424	5770	6045	6184	5830
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	16:00	21:00	22:00	16:00	16:00	18:00	21:00	20:00	18:00	18:00
20:00	19:00	20:00	21:00	13:00	12:00	14:00	22:00	21:00	20:00	18:00	18:00
5026	4618	4731	4167	4176	4250	4442	4404	4765	4776	5211	5496

²including deliveries from industry

MM_YY	Export (-)										Import (+)										Balance	
	HU→AT	HU→HR	HU→RO	HU→RS	HU→SK	HU→YUGO	HU→UA_W	UCTE_EXP	Total_EXP	AT→HU	YUGO→HU	HR→HU	RO→HU	RS→HU	SK→HU	UA_W→HU	UCTE_IMP	Total_IMP	HU_UCTE	HU_Total		
I.98	58	23	0	0	1	120	0	201	202	23	0	0	0	0	184	0	23	207	-178	5		
II.98	46	19	0	0	3	105	0	170	173	23	0	0	0	0	159	0	23	152	-147	-21		
III.98	98	14	0	0	42	32	0	144	186	5	0	0	0	0	158	0	5	163	-139	-23		
IV.98	122	22	0	0	8	9	0	153	161	2	0	0	0	0	165	0	2	167	-151	6		
V.98	95	60	0	0	6	0	0	155	161	7	0	0	0	0	180	0	7	187	-148	26		
VI.98	52	33	0	0	7	7	0	92	99	10	0	0	0	0	166	0	10	176	-82	77		
VII.98	77	39	0	0	3	13	0	129	132	6	0	0	0	0	204	0	6	210	-123	78		
VIII.98	75	36	0	0	6	25	0	136	142	7	0	0	0	0	117	0	7	124	-129	-18		
IX.98	220	32	0	0	2	69	0	321	323	2	0	0	0	0	175	0	2	177	-319	-146		
X.98	126	45	0	0	4	82	0	253	257	11	0	0	0	0	226	0	11	237	-242	-20		
XI.98	121	35	0	0	1	106	0	262	263	9	0	0	0	0	214	0	9	223	-253	-40		
XII.98	185	58	0	0	0	123	0	366	366	1	0	0	0	0	225	0	1	226	-365	-140		
1998	1275	416	0	0	83	691	0	2382	2465	106	0	0	0	0	2143	0	106	2249	-2276	-216		
I.07	20	769	49	423	0	0	6	1261	1267	104	0	5	0	0	1010	361	1119	1480	-142	213		
II.07	30	650	24	384	0	0	0	1088	1088	91	0	2	0	0	897	370	990	1360	-98	272		
III.07	27	641	61	218	0	0	32	947	979	76	0	0	0	0	985	318	1061	1379	114	400		
IV.07	17	500	70	113	0	0	2	700	702	88	0	3	0	0	597	414	688	1102	-12	400		
V.07	77	432	23	189	0	0	3	721	724	63	0	29	0	0	812	216	904	1120	183	396		
VI.07	5	393	7	155	0	0	2	560	562	132	0	46	0	0	637	257	815	1072	255	510		
VII.07	1	398	5	320	0	0	5	724	729	243	0	15	0	0	724	330	982	1312	258	583		
VIII.07	4	384	75	330	0	0	8	793	801	160	0	2	0	0	700	324	862	1186	69	385		
IX.07	5	330	18	278	0	0	14	631	645	186	0	26	0	0	610	308	822	1130	191	485		
X.07	14	631	24	311	0	0	12	980	992	127	0	35	0	0	671	362	833	1195	-147	203		
XI.07	18	675	6	320	0	0	7	1019	1026	101	0	54	0	0	635	335	790	1125	-229	99		
XII.07	25	733	18	389	0	0	16	1165	1181	86	0	33	0	0	780	320	899	1219	-266	38		
2007	243	6536	380	3430	0	107	10589	10696	1457	1457	0	250	0	0	9058	3915	10765	14660	176	3984		
I.08	19	733	12	395	0	5	5	1159	1164	113	0	29	0	0	940	373	1082	1455	-77	291		
II.08	10	606	17	337	0	0	0	970	970	121	0	18	0	0	850	364	989	1353	19	383		
III.08	42	610	4	273	0	0	18	929	947	88	0	47	0	0	782	307	917	1224	-12	277		
IV.08	45	373	0	146	0	0	1	564	565	53	0	136	0	0	591	252	780	1032	216	467		
V.08	25	293	0	151	0	0	3	469	472	61	1	126	0	0	666	180	854	1034	385	562		
VI.08	71	185	1	133	0	0	9	390	399	40	0	92	0	0	408	312	542	854	152	455		
VII.08	36	336	0	171	0	0	0	543	540	72	0	101	0	0	456	408	629	1037	86	494		
VIII.08	16	298	16	207	0	0	23	537	560	122	0	27	0	0	491	314	640	954	103	394		
IX.08	103	268	27	184	0	0	6	582	588	48	1	23	0	0	583	311	655	966	73	378		
X.08	203	533	5	198	0	0	4	939	943	27	0	44	0	0	699	280	770	1050	-169	107		
XI.08	99	507	8	196	0	0	7	810	817	44	0	46	0	0	492	343	582	925	-228	108		
XII.08	52	559	14	259	0	0	15	884	899	50	0	31	0	0	496	311	577	888	-307	-11		
2008	721	5301	104	2650	0	91	8776	8867	839	839	4	720	0	0	7454	3755	9017	12772	241	3905		

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".

MM_YY	Export (-)					Import (+)					Balance			
	IT→AT	IT→CH	IT→FR	IT→GR	IT→SI	AT→IT	CH→IT	FR→IT	GR→IT	SI→IT	UCTE_IMP	Total_IMP	IT_UCTE	IT_Total
I.98	0	0	32	0	65	133	1677	1686	0	64	3560	3560	3463	3463
II.98	0	0	34	0	85	103	1476	1612	0	24	3215	3215	3096	3096
III.98	0	0	34	0	99	123	1932	1654	0	31	3740	3740	3607	3607
IV.98	0	0	23	0	54	139	1944	1268	0	75	3426	3426	3349	3349
V.98	0	7	37	0	80	136	2020	1522	0	45	3723	3723	3599	3599
VI.98	0	1	41	0	12	146	1843	1452	0	82	3523	3523	3469	3469
VII.98	0	1	40	0	11	166	2046	1218	0	184	3614	3614	3562	3562
VIII.98	0	1	92	0	8	115	1401	653	0	148	2317	2317	2216	2216
IX.98	0	0	14	0	5	130	1950	1193	0	375	3648	3648	3629	3629
X.98	0	0	25	0	6	142	1672	1502	0	368	3684	3684	3653	3653
XI.98	0	0	36	0	2	147	1652	1445	0	321	3565	3565	3527	3527
XII.98	0	0	45	0	8	152	1854	1381	0	224	3611	3611	3558	3558
1998	0	10	453	0	435	1632	21467	16586	0	1941	41626	41626	40728	40728
I.07	0	0	87	125	1	121	2799	1296	0	357	4573	4573	4360	4360
II.07	0	0	68	129	1	109	2526	1330	1	268	4234	4234	4036	4036
III.07	0	1	70	97	0	125	2832	1472	5	435	4869	4869	4701	4701
IV.07	0	0	58	77	1	118	2766	1425	19	399	4727	4727	4591	4591
V.07	0	0	64	140	69	129	2501	1347	5	85	4067	4067	3794	3794
VI.07	0	8	41	105	114	111	2464	1471	2	27	4075	4075	3807	3807
VII.07	0	1	106	197	12	139	2585	1395	0	194	4313	4313	3997	3997
VIII.07	0	2	126	45	78	98	1927	1142	0	45	3212	3212	2961	2961
IX.07	0	1	72	85	5	128	2257	1135	47	212	3779	3779	3616	3616
X.07	0	5	62	99	5	124	2336	1236	16	303	4015	4015	3844	3844
XI.07	0	28	184	13	0	77	1724	905	32	483	3221	3221	2996	2996
XII.07	0	20	216	19	9	126	2142	978	43	425	3714	3714	3450	3450
2007	0	66	1154	1131	295	1405	28859	15132	170	3233	48799	48799	46153	46153
I.08	0	6	157	108	2	114	2185	1189	8	415	3911	3911	3638	3638
II.08	0	7	116	236	2	107	2176	1179	6	305	3773	3773	3412	3412
III.08	0	22	159	282	1	124	2146	1148	5	447	3870	3870	3406	3406
IV.08	0	13	70	99	0	115	1933	1131	55	509	3743	3743	3561	3561
V.08	0	9	42	138	3	121	2333	1240	11	380	4085	4085	3893	3893
VI.08	0	62	61	138	8	114	1636	944	13	341	3048	3048	2779	2779
VII.08	0	29	50	91	1	110	2117	1143	0	491	3861	3861	3690	3690
VIII.08	0	37	58	150	4	120	1608	906	11	204	2849	2849	2600	2600
IX.08	1	61	61	144	69	90	1932	891	6	164	3083	3083	2747	2747
X.08	0	86	91	58	4	112	1853	791	35	322	3113	3113	2874	2874
XI.08	0	26	82	121	1	120	2136	1172	13	411	3852	3852	3622	3622
XII.08	0	42	193	193	0	120	2107	1107	18	744	4096	4096	3668	3668
2008	1	400	1140	1758	95	1367	24162	12841	181	4733	43284	43284	39890	39890

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 generation	GWh	Σ	1998	0
			2007	0
			2008	0
Fossil fuels net generation	GWh	Σ	1998	200037
			2007	253866
			2008	250266
Hydraulic net generation	GWh	Σ	1998	46976
			2007	37961
			2008	46695
Other renewable net generation ¹	GWh	Σ	2007	9602
			2008	10248
- of which wind	GWh	Σ	2007	4034
			2008	4852
Non-identifiable net generation ¹	GWh	Σ	2007	0
			2008	0
Total net electrical energy generation calculated to represent 100% of the national values	GWh	Σ	1998	247013
			2007	301429
			2008	307209
Physical import	GWh	Σ	1998	41626
			2007	48799
			2008	43284
Physical export	GWh	Σ	1998	898
			2007	2646
			2008	3394
Total physical import/export balance	GWh	Σ	1998	40726
			2007	46153
			2008	39890
Consumption of pumps	GWh	Σ	1998	8338
			2007	7654
			2008	7618
National electrical consumption, calculated to represent 100% of the national values	GWh	Σ	1998	279401
			2007	339928
			2008	339481
Consumption load 3:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1998	25213
			2007	35086
			2008	32482
Consumption load 11:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1998	42384
			2007	55883
			2008	51936
Highest load on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1998	45115
			2007	55883
			2008	52632
Time of highest load on the 3rd Wednesday		CET	1998	17:00
			2007	11:00
			2008	17:00
Power produced in parallel operation on the 3rd Wednesday at 11:00 a.m.	MW	max.	1998	39775

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
17885	17140	18416	15866	14826	15439	17410	14745	16565	16406	17560	17779
22073	20096	21475	18507	20694	20165	22730	18905	21142	22453	23006	22620
23109	22296	21899	20055	18797	19815	22259	19076	21976	22536	19397	19051
3397	2855	2843	3722	5189	5407	4865	3585	3955	4591	3541	3026
2691	2682	2660	2973	3663	4850	4592	3533	2994	2651	2431	2241
2784	2465	2690	3076	4836	6018	5632	4260	4056	2916	4119	3843
857	829	890	645	787	697	721	795	781	763	898	939
916	817	1099	1096	829	706	790	714	716	741	854	970
387	392	409	181	309	246	266	327	335	286	435	461
453	376	621	634	372	264	323	243	286	306	435	539
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
21282	19995	21259	19588	20015	20846	22275	18330	20520	20997	21101	20805
25621	23607	25025	22125	25144	25712	28043	23233	24917	25867	26335	25800
26809	25578	25688	24227	24462	26539	28681	24050	26748	26193	24370	23864
3560	3215	3740	3426	3723	3523	3614	2317	3648	3684	3565	3611
4573	4234	4869	4727	4067	4075	4313	3212	3779	4015	3221	3714
3911	3773	3870	3743	4085	3048	3861	2849	3083	3113	3852	4096
97	119	133	77	124	54	52	101	19	31	38	53
213	198	168	136	273	268	316	251	163	171	225	264
273	361	464	182	192	269	171	249	336	239	230	428
3464	3095	3608	3349	3601	3468	3563	2215	3628	3652	3526	3557
4360	4036	4701	4591	3794	3807	3997	2961	3615	3845	2996	3450
3638	3412	3406	3561	3893	2779	3690	2600	2747	2874	3622	3668
720	655	712	530	684	668	761	550	810	728	788	732
747	592	619	637	644	578	631	500	563	618	766	759
639	571	599	593	663	687	618	610	649	681	725	583
24026	22435	24155	22407	22932	23646	25077	19995	23338	23921	23839	23630
29234	27051	29107	26079	28294	28941	31409	25694	27969	29094	28565	28491
29808	28419	28495	27195	27692	28631	31753	26040	28846	28386	27267	26949
23676	23488	23633	22397	23426	24126	25213	22739	23822	23265	23804	23990
30506	30569	29977	29872	30181	33394	35086	23904	31725	30076	31186	31816
30125	30796	29941	29498	29078	29892	32482	26339	29505	29727	28347	27516
42384	39961	39773	40378	38574	40084	41443	36516	38952	39101	41292	42247
51055	50608	49466	46914	47332	53964	55883	28245	49238	48010	51832	52159
51936	51845	48322	46695	46836	48492	51498	37761	46305	46462	46192	47100
43250	40708	40297	40651	38829	40084	41443	36788	39220	39576	43639	45115
52602	50834	50359	47089	47470	53964	55883	32026	49238	48962	55216	55196
52632	52227	48952	46924	46836	48492	51498	38917	46305	46995	49802	49642
18:00	19:00	19:00	10:00	09:00	11:00	11:00	10:00	10:00	19:00	18:00	17:00
18:00	19:00	19:00	10:00	10:00	11:00	11:00	21:00	11:00	19:00	17:00	17:00
17:00	19:00	19:00	10:00	11:00	11:00	11:00	21:00	11:00	19:00	18:00	18:00
37031	34765	34239	34938	32911	34617	35700	32843	32823	34059	37987	39775

				I-XII
			1998 2007 2008	1998 2007 2008
Thermal nuclear net generation	GWh	Σ	1998 2007 2008	0 0 0
Fossil fuels net generation	GWh	Σ	1998 2007 2008	216 2885 2379
Hydraulic net generation	GWh	Σ	1998 2007 2008	1030 904 947
Other renewable net generation ¹	GWh	Σ	2007 2008	151 153
- of which wind	GWh	Σ	2007 2008	67 61
Non-identifiable net generation ¹	GWh	Σ	2007 2008	0 0
Total net electrical energy generation calculated to represent 100% of the national values	GWh	Σ	1998 2007 2008	1271 3940 3479
Physical import	GWh	Σ	1998 2007 2008	6321 6845 6819
Physical export	GWh	Σ	1998 2007 2008	923 2886 2464
Total physical import/export balance	GWh	Σ	1998 2007 2008	5439 3958 4355
Consumption of pumps	GWh	Σ	1998 2007 2008	1272 1121 1160
National electrical consumption, calculated to represent 100% of the national values	GWh	Σ	1998 2007 2008	5438 6777 6674
Consumption load 3:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1998 2007 2008	696 791 832
Consumption load 11:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1998 2007 2008	815 952 1026
Highest load on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1998 2007 2008	831 1022 1052
Time of highest load on the 3rd Wednesday		CET	1998 2007 2008	12:00 18:00 12:00
Power produced in parallel operation on the 3rd Wednesday at 11:00 a.m.	MW	max.	1998	826

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
16	17	20	19	16	17	17	13	15	20	22	24
297	256	283	161	249	239	217	171	188	254	276	294
275	249	267	181	24	23	57	255	261	283	260	244
90	71	78	89	92	93	88	93	97	89	67	83
97	77	86	74	80	65	69	70	70	69	72	75
84	76	84	82	77	76	76	73	66	76	82	95
17	12	15	12	14	9	14	12	10	10	12	14
16	14	16	10	9	11	13	13	13	13	13	12
11	6	7	3	6	4	6	4	3	3	6	8
9	6	8	3	3	3	4	4	5	5	6	5
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
108	90	100	110	110	112	107	108	115	111	91	109
411	345	384	247	343	313	300	253	268	333	360	383
375	339	367	273	110	110	146	341	340	372	355	351
564	512	546	517	517	519	528	443	551	569	531	524
607	538	604	559	569	562	564	517	550	615	590	570
614	582	605	597	634	610	634	526	528	533	487	469
74	64	68	75	83	87	85	90	92	81	55	69
296	249	277	162	242	239	224	197	205	256	257	282
269	242	258	180	72	69	101	260	247	260	251	255
490	448	477	449	440	438	448	358	464	495	476	456
311	289	326	397	327	323	340	320	345	359	333	288
345	340	347	417	562	541	533	266	281	273	236	214
102	89	94	102	111	119	117	124	126	114	78	96
112	90	100	93	102	83	85	90	91	94	92	89
98	89	94	95	99	96	101	100	88	95	97	108
496	449	483	457	439	431	438	342	453	492	489	469
610	544	610	551	568	553	555	483	522	598	601	582
622	590	620	595	573	555	578	507	533	550	494	457
677	672	631	663	527	567	525	433	566	696	632	610
791	716	656	745	752	693	772	522	679	763	748	755
759	829	728	832	700	745	714	731	643	623	548	507
742	694	815	765	715	727	667	592	691	774	645	684
952	903	896	893	809	849	839	600	932	889	907	845
1014	918	1026	842	963	958	909	866	943	848	756	724
777	737	831	765	743	740	697	626	755	802	807	775
991	934	912	941	830	949	865	634	946	952	1022	878
1041	1024	1052	917	999	986	911	920	947	906	775	743
09:00	20:00	12:00	11:00	12:00	19:00	22:00	12:00	12:00	12:00	20:00	09:00
12:00	20:00	12:00	16:00	12:00	14:00	15:00	22:00	12:00	19:00	18:00	19:00
19:00	20:00	12:00	12:00	12:00	16:00	15:00	12:00	12:00	21:00	19:00	18:00
765	706	826	772	724	732	681	611	701	781	662	693

Physical exchanges in interconnected operation ¹

MM_YY	Export (-)			Import (+)			Total_IMP	LU_UCTE	LU_Total
	LU→BE	LU→DE	UCTE_EXP	Total_EXP	BE→LU	DE→LU			
I.98	0	74	74	74	178	386	564	490	490
II.98	0	64	64	64	161	351	512	448	448
III.98	0	68	68	68	175	371	546	478	478
IV.98	0	75	75	75	162	355	517	442	442
V.98	0	83	83	83	158	359	517	434	434
VI.98	0	87	87	87	154	365	519	432	432
VII.98	0	85	85	85	152	376	528	443	443
VIII.98	0	90	90	90	81	362	443	353	353
IX.98	0	92	92	92	162	389	551	459	459
X.98	0	81	81	81	172	397	569	488	488
XI.98	0	55	55	55	172	359	531	476	476
XII.98	0	69	69	69	144	380	524	455	455
1998	0	923	923	923	1871	4450	6321	5398	5398
I.07	216	80	296	296	150	457	607	311	311
II.07	185	64	249	249	129	409	538	289	289
III.07	206	71	277	277	155	449	604	327	327
IV.07	96	66	162	162	141	418	559	397	397
V.07	168	74	242	242	126	443	569	327	327
VI.07	179	60	239	239	140	422	562	323	323
VII.07	162	62	224	224	140	424	564	340	340
VIII.07	133	64	197	197	112	405	517	320	320
IX.07	139	66	205	205	117	433	550	345	345
X.07	190	66	256	256	150	465	615	359	359
XI.07	191	66	257	257	143	447	590	333	333
XII.07	219	63	282	282	127	443	570	288	288
2007	2084	802	2886	2886	1630	5215	6845	3959	3959
I.08	198	71	269	269	154	460	614	345	345
II.08	178	64	242	242	148	434	582	340	340
III.08	190	68	258	258	159	446	605	347	347
IV.08	111	69	180	180	155	442	597	417	417
V.08	0	72	72	72	188	446	634	562	562
VI.08	0	69	69	69	174	436	610	541	541
VII.08	28	73	101	101	177	457	634	533	533
VIII.08	190	70	260	260	105	421	526	266	266
IX.08	184	63	247	247	99	429	528	281	281
X.08	193	67	260	260	80	453	533	273	273
XI.08	181	70	251	251	52	435	487	236	236
XII.08	176	79	255	255	26	443	469	214	214
2008	1629	835	2464	2464	1517	5302	6819	4355	4355

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			
	ME→BA	ME→RS	ME→AL	UCTE_EXP	Total_EXP	BA→ME	RS→ME	AL→ME	UCTE_IMP	Total_IMP	ME_UCTE	ME_Total
I.98				32	73	177	186	1	363	364	331	291
II.98	22	32	96	54	150	148	108	0	256	256	202	106
III.98	18	38	112	56	168	191	85	0	276	276	220	108
IV.98	19	21	76	40	116	146	107	0	253	253	213	137
V.98	20	6	33	26	59	124	165	0	289	289	263	230
VI.98	4	4	38	8	46	187	175	0	362	362	354	316
VII.98	6	6	64	12	76	244	160	0	404	404	392	328
VIII.98	1	32	92	33	125	303	125	0	428	428	395	303
IX.98	2	20	65	22	87	237	124	0	361	361	339	274
X.98	7	21	57	28	85	176	122	0	298	298	270	213
XI.98	28	18	70	46	116	143	139	1	282	283	236	167
XII.98	31	28	83	59	142	200	119	0	319	319	260	177
1998	163	253	827	416	1243	2276	1615	2	3891	3893	3475	2650
I.08	26	51	81	77	158	213	96	0	309	309	232	151
II.08	25	62	91	87	178	229	82	0	311	311	224	133
III.08	29	25	88	54	142	123	137	0	260	260	206	118
IV.08	28	19	59	47	106	109	132	0	241	241	194	135
V.08	11	13	47	24	71	151	142	1	293	294	269	223
VI.08	7	36	78	43	121	197	61	0	258	258	215	137
VII.08	10	23	29	33	62	153	140	1	293	294	260	232
VIII.08	2	21	76	23	99	234	106	0	340	340	317	241
IX.08	41	66	63	107	170	189	85	0	274	274	167	104
X.08	16	33	35	49	84	148	164	3	312	315	263	231
XI.08	21	35	76	56	132	165	72	0	237	237	181	105
XII.08	23	55	83	78	161	171	72	2	243	245	165	84
2008	239	439	806	678	1484	2082	1289	7	3371	3378	2693	1894

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	
			1998	2007
Thermal nuclear net generation	GWh	Σ	2007	0
			2008	0
Fossil fuels net generation	GWh	Σ	2007	765
			2008	1155
Hydraulic net generation	GWh	Σ	2007	1292
			2008	1536
Other renewable net generation ¹	GWh	Σ	2007	4
			2008	0
- of which wind	GWh	Σ	2007	0
			2008	0
Non-identifiable net generation ¹	GWh	Σ	2007	0
			2008	0
Total net electrical energy generation calculated to represent 100% of the national values	GWh	Σ	2007	2061
			2008	2691
Physical import	GWh	Σ	2007	3893
			2008	3378
Physical export	GWh	Σ	2007	1243
			2008	1484
Total physical import/export balance	GWh	Σ	2007	2593
			2008	1892
Consumption of pumps	GWh	Σ	2007	0
			2008	0
National electrical consumption, calculated to represent 100% of the national values	GWh	Σ	2007	4654
			2008	4583
Consumption load 3:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	2007	551
			2008	542
Consumption load 11:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	2007	645
			2008	628
Highest load on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	2007	695
			2008	715
Time of highest load on the 3rd Wednesday		CET	2007	19:00
			2008	20:00
Power produced in parallel operation on the 3rd Wednesday at 11:00 a.m.	MW	max.	1998	

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

Montenegro

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
59	107	119	79	49	0	0	0	37	111	93	111
135	120	119	35	7	130	107	131	132	65	114	60
74	197	174	131	75	35	61	82	38	62	168	195
175	172	171	175	96	64	38	17	131	66	159	272
2	2	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
135	306	293	210	124	35	61	82	75	173	261	306
310	292	290	210	103	194	145	148	263	131	273	332
364	256	276	253	289	362	404	428	361	298	283	319
309	311	260	241	294	258	294	340	274	315	237	245
73	150	168	116	59	46	76	125	87	85	116	142
158	178	142	106	71	121	62	99	170	84	132	161
297	106	106	138	220	316	325	303	270	195	157	160
152	133	118	138	223	137	230	241	102	230	102	86
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
432	412	399	348	344	351	386	385	345	368	418	466
462	425	408	348	326	331	375	389	365	361	375	418
500	462	423	403	383	406	431	426	396	408	492	551
519	542	455	389	361	366	402	424	391	409	433	438
603	526	492	494	472	513	544	521	495	508	587	645
628	623	591	462	462	469	520	535	509	484	528	542
644	598	612	557	523	564	591	601	543	580	654	695
670	715	651	561	501	524	563	617	565	556	620	606
19:00	19:00	20:00	21:00	22:00	22:00	21:00	21:00	21:00	21:00	19:00	19:00
18:00	20:00	20:00	22:00	21:00	22:00	22:00	21:00	21:00	21:00	19:00	20:00

				I-XII
Thermal nuclear net generation	GWh	Σ	1998	n.a.
			2007	0
			2008	0
Fossil fuels net generation	GWh	Σ	1998	n.a.
			2007	5016
			2008	4982
Hydraulic net generation	GWh	Σ	1998	n.a.
			2007	1054
			2008	881
Other renewable net generation ¹	GWh	Σ	2007	0
			2008	0
- of which wind	GWh	Σ	2007	0
			2008	0
Non-identifiable net generation ¹	GWh	Σ	2007	0
			2008	0
Total net electrical energy generation calculated to represent 100% of the national values	GWh	Σ	1998	n.a.
			2007	6070
			2008	5863
Physical import	GWh	Σ	1998	n.a.
			2007	3388
			2008	3920
Physical export	GWh	Σ	1998	n.a.
			2007	905
			2008	1203
Total physical import/export balance	GWh	Σ	1998	n.a.
			2007	2496
			2008	2780
Consumption of pumps	GWh	Σ	1998	n.a.
			2007	0
			2008	0
National electrical consumption, calculated to represent 100% of the national values	GWh	Σ	1998	n.a.
			2007	8566
			2008	8643
Consumption load 3:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1998	n.a.
			2007	1080
			2008	1006
Consumption load 11:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1998	n.a.
			2007	1386
			2008	1285
Highest load on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1998	n.a.
			2007	1556
			2008	1431
Time of highest load on the 3rd Wednesday	CET		1998	n.a.
			2007	18:00
			2008	18:00
Power produced in parallel operation on the 3rd Wednesday at 11:00 a.m.	MW	max.	1998	n.a.

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.	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	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.	n.a.
586	509	495	410	326	207	352	356	305	447	486	537	537
566	483	499	417	285	298	341	346	349	442	476	480	480
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
106	81	94	102	64	85	69	52	91	60	93	157	157
115	93	85	84	95	41	51	48	77	57	60	75	75
0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	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.	n.a.
692	590	589	512	390	292	421	408	396	507	579	694	694
681	576	584	501	380	339	392	394	426	499	536	555	555
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
172	212	314	232	267	379	328	335	243	254	297	355	355
307	303	320	289	334	374	385	369	291	212	295	441	441
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
34	70	126	80	74	83	115	118	46	51	32	76	76
55	84	143	103	79	102	117	105	55	37	121	202	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.	n.a.
138	143	189	153	199	298	214	219	197	203	265	278	278
261	215	177	192	253	282	281	272	235	185	169	258	258
n.a.	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	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.	n.a.
830	733	778	665	589	590	635	627	593	710	844	972	972
942	791	761	693	633	621	673	666	661	684	705	813	813
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
905	870	780	758	623	696	753	712	675	787	969	1080	1080
1006	954	862	768	666	690	750	691	694	723	783	810	810
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
1188	1056	1041	964	802	927	951	871	830	1014	1256	1386	1386
1285	1198	1273	996	882	909	956	958	853	919	1043	1088	1088
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
1320	1227	1258	1133	949	1008	1025	985	1021	1243	1430	1556	1556
1431	1371	1369	1162	994	1021	1012	1091	1067	1143	1278	1241	1241
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
19:00	19:00	19:00	21:00	22:00	22:00	22:00	21:00	20:00	21:00	18:00	18:00	18:00
18:00	19:00	20:00	21:00	21:00	22:00	22:00	21:00	21:00	20:00	18:00	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.	n.a.

MM_YY	Export (-)				Import (+)				Balance		
	YUGO→GR	MK→RS	MK→GR	MK→BG	GR→MK	RS→MK	GR→YUGO	UCTE_IMP	Total_IMP	MK_UCTE	MK_Total
I.98	102						0	0	n.a.	-102	n.a.
II.98	61						1	1	n.a.	-60	n.a.
III.98	116						0	0	n.a.	-116	n.a.
IV.98	151						1	1	n.a.	-150	n.a.
V.98	122						1	1	n.a.	-121	n.a.
VI.98	146						0	0	n.a.	-146	n.a.
VII.98	173						0	0	n.a.	-173	n.a.
VIII.98	218						0	0	n.a.	-218	n.a.
IX.98	180						0	0	n.a.	-180	n.a.
X.98	77						1	1	n.a.	-76	n.a.
XI.98	32						1	1	n.a.	-31	n.a.
XII.98	34					18	18	18	n.a.	-16	n.a.
1998	1412					23	23	23	n.a.	-1389	n.a.
I.07	34	0	34	0	15	107		172	172	138	138
II.07	70	0	70	0	3	152		212	212	142	142
III.07	126	0	126	0	0	236		314	314	188	188
IV.07	80	0	80	0	0	162		232	232	152	152
V.07	73	1	73	1	0	220		267	267	192	192
VI.07	83	0	83	0	0	301		379	379	296	296
VII.07	115	0	115	0	0	260		328	328	213	213
VIII.07	118	0	118	0	1	264		335	335	217	217
IX.07	46	0	46	0	21	148		243	243	197	197
X.07	51	0	51	0	30	158		254	254	203	203
XI.07	32	0	32	0	25	202		297	297	265	265
XII.07	76	0	76	0	16	258		355	355	279	279
2007	906	1	904	1	111	2468		3388	3388	2482	2482
I.08	55	0	55	0	18	226		307	307	252	252
II.08	84	0	84	0	7	234		303	303	219	219
III.08	143	0	143	0	7	235		320	320	177	177
IV.08	103	0	103	0	3	206		289	289	186	186
V.08	79	1	78	1	5	244		334	334	255	255
VI.08	102	0	102	0	2	290		374	374	272	272
VII.08	117	0	117	0	3	304		385	385	268	268
VIII.08	105	0	105	0	2	292		369	369	264	264
IX.08	55	0	55	0	16	203		291	291	236	236
X.08	37	0	37	0	30	115		212	212	175	175
XI.08	121	0	121	0	2	194		295	295	174	174
XII.08	202	13	189	13	0	140		441	441	239	239
2008	1203	14	1189	14	95	2683		3920	3920	2717	2717

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	NL_UCTE	Balance	NL_Total
	NL→BE	NL→DE	NL→NO	UCTE_EXP	Total_EXP	BE→NL	DE→NL	NO→NL	UCTE_IMP				
I.98	240	136	0	376	376	400	1044	0	1444	1444	1068	1068	
II.98	255	116	0	371	371	310	978	0	1288	1288	917	917	
III.98	280	99	0	379	379	204	1165	0	1369	1369	990	990	
IV.98	346	107	0	453	453	261	1145	0	1406	1406	953	953	
V.98	277	193	0	470	470	283	1121	0	1404	1404	934	934	
VI.98	166	307	0	473	473	350	1226	0	1576	1576	1103	1103	
VII.98	172	200	0	372	372	341	1145	0	1486	1486	1114	1114	
VIII.98	224	74	0	298	298	270	1121	0	1391	1391	1093	1093	
IX.98	260	62	0	322	322	150	1186	0	1336	1336	1014	1014	
X.98	262	67	0	329	329	172	1223	0	1395	1395	1066	1066	
XI.98	348	48	0	396	396	172	1140	0	1312	1312	916	916	
XII.98	386	84	0	470	470	211	1127	0	1338	1338	868	868	
1998	3216	1493	0	4709	4709	3124	13621	0	16745	16745	12036	12036	
I.07	738	7	0	745	745	71	1878	0	1949	1949	1204	1204	
II.07	270	24	0	294	294	346	1040	0	1386	1386	1092	1092	
III.07	533	2	0	535	535	180	1810	0	1990	1990	1455	1455	
IV.07	317	1	0	318	318	412	1730	0	2142	2142	1824	1824	
V.07	68	4	0	72	72	717	1384	0	2101	2101	2029	2029	
VI.07	45	22	0	67	67	1087	958	0	2045	2045	1978	1978	
VII.07	219	38	0	257	257	597	1487	0	2084	2084	1827	1827	
VIII.07	69	98	0	167	167	993	1080	0	2073	2073	1906	1906	
IX.07	297	40	0	337	337	395	1556	0	1951	1951	1614	1614	
X.07	533	63	0	596	596	223	1199	0	1422	1422	826	826	
XI.07	1152	0	0	1152	1152	54	1806	0	1860	1860	708	708	
XII.07	1027	1	0	1028	1028	12	2135	0	2147	2147	1119	1119	
2007	5268	300	0	5568	5568	5087	18063	0	23150	23150	17582	17582	
I.08	1010	1	0	1011	1011	53	2222	0	2275	2275	1264	1264	
II.08	793	30	0	823	823	71	1811	0	1882	1882	1059	1059	
III.08	1545	0	0	1545	1545	5	2452	0	2457	2457	912	912	
IV.08	1210	1	0	1211	1211	62	2020	0	2082	2082	871	871	
V.08	564	29	0	593	593	235	1642	501	1877	2378	1284	1785	
VI.08	273	74	3	347	350	540	1244	482	1784	2266	1437	1916	
VII.08	286	44	12	330	342	485	1235	411	1720	2131	1390	1789	
VIII.08	139	152	48	291	339	898	1094	341	1992	2333	1701	1994	
IX.08	396	131	62	527	589	247	1316	318	1563	1881	1036	1292	
X.08	819	232	43	1051	1094	96	1074	394	1170	1564	119	470	
XI.08	611	92	86	703	789	99	1289	351	1388	1739	685	950	
XII.08	475	43	78	518	596	217	1460	358	1677	2035	1159	1439	
2008	8121	829	332	8950	9282	3008	18859	3156	21867	25023	12917	15741	

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 generation	GWh	Σ	1998	3592
			2007	3993
			2008	3933
Fossil fuels net generation	GWh	Σ	1998	57425
			2007	88628
			2008	91451
Hydraulic net generation	GWh	Σ	1998	0
			2007	97
			2008	102
Other renewable net generation ¹	GWh	Σ	2007	6618
			2008	8866
- of which wind	GWh	Σ	2007	3435
			2008	4250
Non-identifiable net generation ¹	GWh	Σ	2007	10
			2008	0
Total net electrical energy generation calculated to represent 100% of the national values	GWh	Σ	1998 ²	87550
			2007 ²	99346
			2008 ²	104352
Physical import	GWh	Σ	1998	16745
			2007	23150
			2008	25023
Physical export	GWh	Σ	1998	4709
			2007	5568
			2008	9282
Total physical import/export balance	GWh	Σ	1998	12036
			2007	17609
			2008	15842
Consumption of pumps	GWh	Σ	1998	0
			2007	0
			2008	0
National electrical consumption, calculated to represent 100% of the national values	GWh	Σ	1998	99586
			2007	116955
			2008	120194
Consumption load 3:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1998	8426
			2007	11180
			2008	11300
Consumption load 11:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1998	15245
			2007	17126
			2008	17191
Highest load on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1998	15680
			2007	17840
			2008	17712
Time of highest load on the 3rd Wednesday	CET		1998	17:00
			2007	18:00
			2008	18:00
Power produced in parallel operation on the 3rd Wednesday at 11:00 a.m.	MW	max.	1998	9888

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
315	305	337	323	321	94	238	335	325	338	327	334
361	326	361	348	357	341	352	334	148	356	348	361
362	338	361	125	275	345	354	353	345	361	351	363
5157	4593	4863	4539	4600	4718	4628	4392	4836	4906	5092	5101
8419	7780	7943	6618	6399	6465	6455	6449	6985	8369	8367	8379
8424	7759	8511	7820	6939	6658	6589	6326	7204	8504	8288	8429
0	0	0	0	0	0	0	0	0	0	0	0
9	11	10	11	8	0	12	9	8	5	9	5
9	10	4	7	9	10	8	6	5	8	12	14
741	463	655	365	504	424	585	484	576	438	675	708
1072	790	938	586	524	500	609	733	705	916	922	571
549	262	382	178	253	166	285	191	273	145	345	406
622	363	510	261	232	220	258	336	267	389	455	337
0	0	0	0	0	10	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
7706	6898	7646	7046	7029	6777	6951	6656	7167	7711	7852	8111
9530	8580	8969	7342	7268	7240	7404	7276	7717	9168	9399	9453
9867	8897	9814	8538	7747	7513	7560	7418	8259	9789	9573	9377
1444	1288	1369	1406	1404	1576	1486	1391	1336	1395	1312	1338
1949	1386	1990	2142	2101	2045	2084	2073	1951	1422	1860	2147
2275	1882	2457	2082	2378	2266	2131	2333	1881	1564	1739	2035
376	371	379	453	470	473	372	298	322	329	396	470
745	294	535	318	72	67	257	167	337	596	1152	1028
1011	823	1545	1211	593	350	342	339	589	1094	789	596
1068	917	990	953	934	1103	1114	1093	1014	1066	916	868
1203	1091	1454	1822	2028	1978	1827	1941	1613	826	707	1119
1263	1058	909	881	1784	1916	1790	1993	1292	569	950	1437
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
8774	7815	8636	7999	7963	7880	8065	7749	8181	8777	8768	8979
10733	9671	10423	9164	9296	9218	9231	9217	9330	9994	10106	10572
11130	9955	10723	9419	9531	9429	9350	9411	9551	10358	10523	10814
7139	7069	7873	7762	8062	7856	8025	8150	8426	7706	7961	7865
10579	10388	10629	10006	10275	9840	10068	8958	9308	9927	10179	11180
11300	10748	10919	10765	10299	10076	9834	10446	9902	9810	10207	10547
14311	13506	14740	15068	14302	14388	14577	14093	14644	14976	15245	15049
17126	16104	15849	14643	14842	14235	13183	13168	13309	14726	15712	16526
17191	15945	16230	15483	15102	14624	14817	15422	14613	15045	15956	16294
14416	13601	14777	15096	14302	14560	14690	14169	14721	14976	15593	15680
17840	16105	15903	15191	14857	14624	13571	13298	13309	14744	15817	16614
17314	16070	16324	15612	15236	15479	15104	15798	14650	15337	17712	16915
18:00	10:00	10:00	12:00	11:00	12:00	12:00	12:00	12:00	11:00	18:00	17:00
18:00	12:00	12:00	16:00	10:00	17:00	15:00	14:00	11:00	10:00	18:00	10:00
18:00	10:00	12:00	14:00	15:00	14:00	14:00	14:00	12:00	20:00	18:00	18:00
8972	8290	8366	9296	8524	8273	8831	8326	9212	8829	9787	9888

²including deliveries from industry

				I-XII
Thermal nuclear net generation	GWh	Σ	1998	0
			2007	0
			2008	0
Fossil fuels net generation	GWh	Σ	1998	138421
			2007 ³	145128
			2008 ³	140812
Hydraulic net generation	GWh	Σ	1998	4203
			2007	2684
			2008	2668
Other renewable net generation ¹	GWh	Σ	2007 ⁴	622
			2008 ⁴	948
- of which wind	GWh	Σ	2007	506
			2008	796
Non-identifiable net generation ¹	GWh	Σ	2007	0
			2008	0
Total net electrical energy generation calculated to represent 100% of the national values	GWh	Σ	1998 ²	142624
			2007 ²	148434
			2008 ²	144428
Physical import	GWh	Σ	1998	3929
			2007	7752
			2008	9021
Physical export	GWh	Σ	1998	8081
			2007	13107
			2008	9704
Total physical import/export balance	GWh	Σ	1998	-3474
			2007	-5358
			2008	-685
Consumption of pumps	GWh	Σ	1998	2806
			2007	870
			2008	891
National electrical consumption, calculated to represent 100% of the national values	GWh	Σ	1998	136344
			2007	142206
			2008	142852
Consumption load 3:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1998	n.a.
			2007	15377
			2008	15059
Consumption load 11:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1998	n.a.
			2007	21106
			2008	20160
Highest load on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1998	n.a.
			2007	22601
			2008	21901
Time of highest load on the 3rd Wednesday		CET	1998	n.a.
			2007	17:00
			2008	18:00
Power produced in parallel operation on the 3rd Wednesday at 11:00 a.m.	MW	max.	1998	n.a.

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
	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0
13266	11893	12501	10684	10092	9480	9842	9887	10806	12521	13305	14144	
13175	12253	12277	10985	11117	10839	11033	11261	11722	13311	13319	13836	
13390	12099	12161	11501	10720	10927	11051	11023	11373	12129	11899	12539	
409	363	400	364	354	341	330	253	296	364	372	357	
249	286	315	198	156	168	146	148	230	232	262	294	
241	236	294	269	247	166	202	195	175	228	188	227	
73	46	48	44	29	31	41	42	52	44	102	70	
112	100	94	47	39	55	46	62	48	113	138	94	
65	37	39	36	21	22	32	31	41	31	92	59	
102	89	81	35	27	43	34	48	34	99	124	80	
0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	
13675	12256	12901	11048	10446	9821	10172	10140	11102	12885	13677	14501	
13497	12585	12640	11227	11302	11038	11220	11451	12004	13587	13683	14200	
13743	12435	12549	11817	11006	11148	11299	11280	11596	12470	12225	12860	
465	479	492	358	354	231	291	335	203	261	246	214	
846	629	929	767	768	567	748	616	494	455	487	446	
1007	962	951	699	642	513	774	560	636	868	787	622	
737	765	613	499	577	444	524	500	782	824	847	969	
1331	1301	1160	949	928	744	965	807	1117	1275	1289	1241	
1195	1093	884	691	588	634	781	612	597	861	865	903	
-215	-235	-72	-77	-165	-157	-174	-116	-518	-505	-545	-695	
-487	-673	-232	-182	-159	-176	-218	-191	-623	-821	-801	-795	
-189	-131	66	8	56	-121	-10	-52	40	6	-78	-280	
262	222	230	172	211	235	209	190	262	268	265	280	
61	49	34	29	35	80	63	68	93	110	110	138	
102	65	69	47	61	74	58	79	90	97	76	73	
13198	11799	12599	10799	10070	9429	9789	9834	10322	12112	12867	13526	
12949	11863	12374	11016	11108	10782	10939	11192	11288	12656	12772	13267	
13452	12239	12546	11778	11001	10953	11231	11149	11546	12379	12071	12507	
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
14350	14784	14154	13047	12735	13079	13211	12252	13255	14174	15377	15360	
14870	15020	15059	13901	13047	13147	12655	13092	13588	13639	14195	13936	
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
19415	19411	19159	17684	17528	17520	17602	13507	17887	18766	20260	21106	
20100	20160	20019	19058	17886	17828	17300	17898	18836	18657	19518	19605	
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
21169	20929	20539	18803	17793	17829	17903	14425	19596	20551	21999	22601	
21901	21347	21664	19903	18143	18261	17763	18326	19891	20307	21383	21190	
n.a.	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	13:00	14:00	12:00	22:00	20:00	20:00	18:00	17:00	
18:00	19:00	20:00	21:00	13:00	13:00	13:00	13:00	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.	n.a.

² including deliveries from industry

³ Energy from co-firing (biomass combustion in lignite/hard coal power stations) is classified as energy from fossil fuels installation.

⁴ Only energy from 100% renewable installation (e.g. wind farms, biogas) is classified as energy from renewable (co-firing is not included).

MM_YY	Export (-)								Import (+)								PL_Total	
	PL→CZ	PL→DE	PL→SK	PL→BY	PL→SE	PL→UA	UCTE_EXP	Total_EXP	CZ→PL	DE→PL	SK→PL	BY→PL	SE→PL	UA→PL	UCTE_IMP	Total_IMP		PL_UCTE
I.98	680	57	0	0	0	0	57	737	7	369	0	0	0	89	369	465	312	-272
II.98	673	92	0	0	0	0	92	765	10	387	0	0	0	82	387	479	295	-286
III.98	549	64	0	0	0	0	64	613	21	378	0	0	0	93	378	492	314	-121
IV.98	476	23	0	0	0	0	23	499	10	293	0	0	0	55	293	358	270	-141
V.98	557	20	0	0	0	0	20	577	10	287	0	0	0	57	287	354	267	-223
VI.98	420	24	0	0	0	0	24	444	0	178	0	0	0	53	178	231	154	-213
VII.98	512	12	0	0	0	0	12	524	3	233	0	0	0	55	233	291	221	-233
VIII.98	484	5	11	0	0	0	5	500	7	268	0	0	0	60	268	335	263	-165
IX.98	598	65	119	0	0	0	65	782	3	174	1	0	0	25	174	203	109	-579
X.98	654	22	148	0	0	0	22	824	7	191	0	0	0	63	191	261	169	-563
XI.98	695	46	106	0	0	0	46	847	18	146	1	0	0	81	146	246	100	-601
XII.98	780	73	116	0	0	0	73	969	10	115	0	0	0	89	115	214	42	-755
1998	7078	503	500	0	0	0	503	8081	106	3019	2	0	0	802	3019	3929	2516	-4152
I.07	927	0	385	0	19	0	1312	1331	1	565	0	0	193	87	566	846	-746	-485
II.07	885	1	371	0	44	0	1257	1301	0	462	0	0	89	78	462	629	-795	-672
III.07	845	0	315	0	0	0	1160	1160	0	504	0	0	341	84	504	929	-656	-231
IV.07	647	6	296	0	0	0	949	949	2	351	0	0	357	57	353	767	-596	-182
V.07	678	11	239	0	0	0	928	928	2	301	0	0	396	69	303	768	-625	-160
VI.07	514	10	213	0	7	0	737	744	1	313	0	0	191	62	314	567	-423	-177
VII.07	725	3	235	0	2	0	963	965	0	421	0	0	258	69	421	748	-542	-217
VIII.07	604	2	194	0	7	0	800	807	0	341	0	0	207	68	341	616	-459	-191
IX.07	758	7	345	0	7	0	1110	1117	0	280	0	0	156	58	280	494	-830	-623
X.07	913	3	296	0	63	0	1212	1275	13	429	0	0	13	0	442	455	-770	-820
XI.07	845	1	383	0	60	0	1229	1289	0	483	0	0	4	0	483	487	-746	-802
XII.07	889	4	327	0	21	0	1220	1241	1	441	0	0	4	0	442	446	-778	-795
2007	9230	48	3599	0	0	0	12877	13107	20	4891	0	0	2209	632	4911	7752	-7966	-5355
I.08	865	0	330	0	0	0	1195	1195	1	799	0	0	207	0	800	1007	-395	-188
II.08	776	0	317	0	0	0	1093	1093	0	687	0	0	275	0	687	962	-406	-131
III.08	651	1	232	0	0	0	884	884	2	608	0	0	341	0	610	951	-274	67
IV.08	527	3	155	0	6	0	685	691	4	359	0	0	283	53	363	699	-322	8
V.08	459	35	92	0	2	0	586	588	9	249	3	61	226	94	261	642	-325	54
VI.08	518	32	71	0	13	0	621	634	4	260	8	67	79	95	272	513	-349	-121
VII.08	713	2	57	0	9	0	772	781	1	409	2	73	182	107	412	774	-360	-7
VIII.08	546	12	42	0	12	0	600	612	4	290	18	31	89	128	312	560	-288	-52
IX.08	311	10	258	0	18	0	579	597	0	323	0	57	132	124	323	636	-256	39
X.08	384	0	460	0	17	0	844	861	0	569	0	88	106	105	569	868	-275	7
XI.08	487	0	357	0	21	0	844	865	0	559	0	85	83	60	559	787	-285	-78
XII.08	672	1	181	0	49	0	854	903	1	466	0	92	63	0	467	622	-387	-281
2008	6909	96	2552	0	147	0	9557	9704	26	5578	31	554	2066	766	5635	9021	-3922	-683

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	PT→ES		Export (-)		ES→PT		Import (+)		PT_UCTE	PT_Total
	Total_EXP	UCTE_EXP	Total_IMP	UCTE_IMP	Balance	Balance				
I.98	279	279	275	275	275	275	-4	-4		
II.98	230	230	212	212	212	212	-18	-18		
III.98	251	251	242	242	242	242	-9	-9		
IV.98	266	266	265	265	265	265	-1	-1		
V.98	348	348	343	343	343	343	-5	-5		
VI.98	284	284	277	277	277	277	-7	-7		
VII.98	381	381	365	365	365	365	-16	-16		
VIII.98	313	313	301	301	301	301	-12	-12		
IX.98	278	278	425	425	425	425	147	147		
X.98	366	366	359	359	359	359	-7	-7		
XI.98	379	379	372	372	372	372	-7	-7		
XII.98	344	344	453	453	453	453	109	109		
1998	3719	3719	3889	3889	3889	3889	170	170		
I.07	455	455	687	687	687	687	232	232		
II.07	357	357	784	784	784	784	427	427		
III.07	345	345	831	831	831	831	486	486		
IV.07	104	104	694	694	694	694	590	590		
V.07	155	155	748	748	748	748	593	593		
VI.07	113	113	609	609	609	609	496	496		
VII.07	151	151	738	738	738	738	587	587		
VIII.07	150	150	847	847	847	847	697	697		
IX.07	86	86	918	918	918	918	832	832		
X.07	32	32	908	908	908	908	876	876		
XI.07	111	111	859	859	859	859	748	748		
XII.07	95	95	860	860	860	860	765	765		
2007	2154	2154	9483	9483	9483	9483	7329	7329		
I.08	181	181	878	878	878	878	697	697		
II.08	82	82	845	845	845	845	763	763		
III.08	38	38	1066	1066	1066	1066	1028	1028		
IV.08	61	61	948	948	948	948	887	887		
V.08	80	80	850	850	850	850	770	770		
VI.08	87	87	863	863	863	863	776	776		
VII.08	81	81	795	795	795	795	714	714		
VIII.08	104	104	697	697	697	697	593	593		
IX.08	118	118	746	746	746	746	628	628		
X.08	64	64	822	822	822	822	758	758		
XI.08	168	168	1032	1032	1032	1032	864	864		
XII.08	251	251	1055	1055	1055	1055	804	804		
2008	1315	1315	10597	10597	10597	10597	9282	9282		

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".

Portugal

Monthly values / Operation

			I-XII	
			1998	0
Thermal nuclear net generation	GWh	Σ	2007	0
			2008	0
Fossil fuels net generation	GWh	Σ	1998	20806
			2007	26822
			2008	27344
Hydraulic net generation	GWh	Σ	1998	12833
			2007	10218
			2008	7100
Other renewable net generation ¹	GWh	Σ	2007	6068
			2008	7358
- of which wind	GWh	Σ	2007	4011
			2008	5696
Non-identifiable net generation ¹	GWh	Σ	2007	0
			2008	0
Total net electrical energy generation calculated to represent 100% of the national values	GWh	Σ	1998 ²	36552
			2007 ²	44636
			2008 ²	43387
Physical import	GWh	Σ	1998	3889
			2007	9483
			2008	10597
Physical export	GWh	Σ	1998	3719
			2007	2154
			2008	1315
Total physical import/export balance	GWh	Σ	1998	276
			2007	7488
			2008	9430
Consumption of pumps	GWh	Σ	1998	101
			2007	540
			2008	640
National electrical consumption, calculated to represent 100% of the national values	GWh	Σ	1998	36727
			2007	51584
			2008	52177
Consumption load 3:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1998	3328
			2007	5849
			2008	5691
Consumption load 11:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1998	5870
			2007	8287
			2008	7954
Highest load on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1998	6347
			2007	9132
			2008	8857
Time of highest load on the 3rd Wednesday		CET	1998	19:00
			2007	20:00
			2008	21:00
Power produced in parallel operation on the 3rd Wednesday at 11:00 a.m.	MW	max.	1998	4900

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
698	941	1737	1302	1398	1391	2316	2118	1878	2251	2172	2604
2934	1765	1613	2079	1988	2118	2400	2144	2237	2187	2443	2914
2891	2464	2184	1536	1796	1906	2561	2336	2515	2358	2462	2335
2333	1679	1054	1378	1295	1305	666	556	783	580	690	514
1196	1468	1618	810	981	818	720	512	487	646	536	426
663	424	342	950	982	865	577	403	461	415	305	713
422	560	620	404	480	462	511	566	440	452	557	594
557	601	770	709	486	475	518	593	409	619	717	904
249	393	434	233	321	291	348	383	281	269	388	421
418	481	622	561	336	334	368	448	282	506	584	756
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
3293	2847	3033	2912	2926	2929	3240	2906	2892	3076	3110	3388
4706	3926	3991	3402	3576	3509	3757	3335	3282	3400	3665	4087
4263	3619	3435	3329	3379	3368	3791	3455	3517	3516	3614	4101
275	212	242	265	343	277	365	301	425	359	372	453
687	784	831	694	748	609	738	847	918	908	859	860
878	845	1066	948	850	863	795	697	746	822	1032	1055
279	230	251	266	348	284	381	313	278	366	379	344
455	357	345	104	155	113	151	150	86	32	111	95
181	82	38	61	80	87	81	104	118	64	168	251
6	-6	-3	1	-9	8	0	0	157	1	3	118
250	441	499	602	605	508	601	712	843	887	759	781
714	776	1041	898	774	784	729	606	641	770	877	820
13	6	0	4	0	0	3	1	16	2	2	54
40	59	61	26	41	21	51	33	28	62	75	43
106	93	56	38	36	50	44	32	26	48	50	61
3286	2835	3030	2909	2917	2937	3237	2905	3033	3075	3111	3452
4916	4308	4429	3978	4140	3996	4307	4014	4097	4225	4349	4825
4871	4302	4420	4189	4117	4102	4476	4029	4132	4238	4441	4860
2837	2865	2900	2813	2921	3078	3263	2757	3142	2958	3047	3328
5310	4830	4975	4624	4638	4616	4902	4505	4768	4679	5139	5849
5516	5141	4986	4743	4724	4875	5095	4431	4747	4583	5095	5691
5466	5133	5042	5321	5118	5213	5523	4388	5385	5222	5401	5870
7697	7529	7128	6747	6737	6743	6801	4776	6880	6810	7342	8287
7644	7420	7278	6772	6884	6901	7204	5755	6814	6602	7225	7954
5681	5360	5258	5407	5166	5373	5605	4501	5485	5464	5816	6347
8363	8224	7846	6906	6988	7004	7136	5547	7101	7370	8107	9132
8381	7920	7798	7319	7097	7189	7657	6386	6970	7271	7967	8857
19:00	19:00	20:00	12:00	12:00	15:00	16:00	12:00	12:00	20:00	19:00	19:00
20:00	21:00	21:00	22:00	13:00	13:00	13:00	22:00	16:00	21:00	20:00	20:00
20:00	21:00	21:00	22:00	13:00	13:00	13:00	22:00	13:00	21:00	20:00	21:00
4900	4599	4474	4618	4583	4626	4867	3808	4230	4706	4815	4635

²including deliveries from industry

Romania

Monthly values / Operation

			I-XII	
			1998	n.a.
Thermal nuclear net generation	GWh	Σ	2007 2008	7053 10329
Fossil fuels net generation	GWh	Σ	1998 2007 2008	n.a. 33692 32636
Hydraulic net generation	GWh	Σ	1998 2007 2008	n.a. 15622 16794
Other renewable net generation ¹	GWh	Σ	2007 2008	0 11
- of which wind	GWh	Σ	2007 2008	0 11
Non-identifiable net generation ¹	GWh	Σ	2007 2008	0 0
Total net electrical energy generation calculated to represent 100% of the national values	GWh	Σ	1998 2007 2008	n.a. 56367 59770
Physical import	GWh	Σ	1998 2007 2008	n.a. 3965 2609
Physical export	GWh	Σ	1998 2007 2008	n.a. 6051 7042
Total physical import/export balance	GWh	Σ	1998 2007 2008	n.a. -2098 -4434
Consumption of pumps	GWh	Σ	1998 2007 2008	n.a. 150 119
National electrical consumption, calculated to represent 100% of the national values	GWh	Σ	1998 2007 2008	n.a. 54119 55217
Consumption load 3:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1998 2007 2008	n.a. 6512 6268
Consumption load 11:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1998 2007 2008	n.a. 8179 7862
Highest load on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1998 2007 2008	n.a. 8681 8439
Time of highest load on the 3rd Wednesday		CET	1998 2007 2008	n.a. 18:00 18:00
Power produced in parallel operation on the 3rd Wednesday at 11:00 a.m.	MW	max.	1998	n.a.

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.	n.a.
489	442	488	474	478	463	473	502	639	766	870	969	969
962	865	968	852	618	445	885	942	926	973	920	973	973
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
3612	3208	3088	2293	2342	2602	2982	2642	2419	2684	2833	2987	2987
3290	3168	2771	2215	2193	2332	2547	2504	2755	2892	3113	2856	2856
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
933	1141	1460	1298	1462	1322	1237	1072	1236	1417	1556	1488	1488
1427	1352	1558	1734	1905	1777	1471	1350	923	1100	935	1262	1262
0	0	0	0	0	0	0	0	0	0	0	0	0
0	1	1	1	1	1	1	1	1	1	1	1	1
0	0	0	0	0	0	0	0	0	0	0	0	0
0	1	1	1	1	1	1	1	1	1	1	1	1
0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	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.	n.a.
5034	4791	5036	4065	4282	4387	4692	4216	4294	4867	5259	5444	5444
5679	5386	5298	4802	4717	4555	4904	4797	4605	4966	4969	5092	5092
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
332	260	337	354	261	270	355	508	372	334	243	339	339
316	295	186	129	178	247	214	253	219	174	167	231	231
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	0	n.a.	n.a.	n.a.	n.a.
627	629	706	324	245	400	499	366	480	539	575	661	661
820	875	682	513	470	495	582	551	431	500	506	617	617
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
-296	-370	-370	28	15	-131	-144	141	-109	-206	-333	-323	-323
-505	-580	-496	-383	-292	-249	-367	-299	-212	-326	-340	-385	-385
n.a.	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	4	7	15	25	15	7	15	21	15	14	8	8
5	4	6	21	23	12	9	5	4	7	4	19	19
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
4734	4417	4659	4078	4272	4241	4541	4342	4164	4646	4912	5113	5113
5169	4802	4796	4398	4402	4294	4528	4493	4389	4633	4625	4688	4688
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
5771	6512	5812	5278	5069	5342	5605	5015	5097	5604	5922	6428	6428
6268	6169	5694	5542	5280	5319	5456	5238	5176	5374	5561	5408	5408
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
7218	6873	6362	6270	6430	6774	7175	6117	6304	6782	7428	8179	8179
7862	7722	7055	7068	6461	6770	6804	6632	6679	6563	7246	7066	7066
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
7619	7589	6739	6593	6672	6846	7290	6436	7008	7475	8025	8681	8681
8439	8235	7826	7367	6690	6842	6982	7030	7364	7392	7872	7810	7810
n.a.	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	13:00	13:00	14:00	21:00	20:00	20:00	18:00	18:00	18:00
18:00	19:00	20:00	21:00	21:00	13:00	14:00	21:00	20:00	20:00	18:00	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.	n.a.

MM_YY	Export (-)										Import (+)						Balance	
	RO→BG	RO→HU	RO→RS	RO→YUGO	RO→UA_W	RO→MD	UCTE_EXP	Total_EXP	BG→RO	HU→RO	RS→RO	YUGO→RO	UA_W→RO	MD→RO	UCTE_IMP	Total_IMP	RO_UCTE	RO_Total
I.98	n.a.	n.a.		75	n.a.	n.a.	75	n.a.	n.a.		6	n.a.	n.a.	n.a.	6	n.a.	-69	n.a.
II.98	n.a.	n.a.		38	n.a.	n.a.	38	n.a.	n.a.		7	n.a.	n.a.	n.a.	7	n.a.	-31	n.a.
III.98	n.a.	n.a.		20	n.a.	n.a.	20	n.a.	n.a.		17	n.a.	n.a.	n.a.	17	n.a.	-3	n.a.
IV.98	n.a.	n.a.		4	n.a.	n.a.	4	n.a.	n.a.		73	n.a.	n.a.	n.a.	73	n.a.	69	n.a.
V.98	n.a.	n.a.		1	n.a.	n.a.	1	n.a.	n.a.		120	n.a.	n.a.	n.a.	120	n.a.	119	n.a.
VI.98	n.a.	n.a.		2	n.a.	n.a.	2	n.a.	n.a.		84	n.a.	n.a.	n.a.	84	n.a.	82	n.a.
VII.98	n.a.	n.a.		1	n.a.	n.a.	1	n.a.	n.a.		117	n.a.	n.a.	n.a.	117	n.a.	116	n.a.
VIII.98	n.a.	n.a.		3	n.a.	n.a.	3	n.a.	n.a.		71	n.a.	n.a.	n.a.	71	n.a.	68	n.a.
IX.98	n.a.	n.a.		3	n.a.	n.a.	3	n.a.	n.a.		77	n.a.	n.a.	n.a.	77	n.a.	74	n.a.
X.98	n.a.	n.a.		18	n.a.	n.a.	18	n.a.	n.a.		39	n.a.	n.a.	n.a.	39	n.a.	21	n.a.
XI.98	n.a.	n.a.		2	n.a.	n.a.	2	n.a.	n.a.		64	n.a.	n.a.	n.a.	64	n.a.	62	n.a.
XII.98	n.a.	n.a.		89	n.a.	n.a.	89	n.a.	n.a.		10	n.a.	n.a.	n.a.	10	n.a.	-79	n.a.
1998	n.a.	n.a.		256	n.a.	n.a.	256	n.a.	n.a.		685	n.a.	n.a.	n.a.	685	n.a.	429	n.a.
I.07	338	5	284		0	0	627	627	0	49	0	283	283	0	49	332	-578	-295
II.07	374	2	253		0	0	629	629	1	24	0	235	235	0	25	260	-604	-369
III.07	426	0	280		0	0	706	706	0	61	0	276	276	0	61	337	-645	-369
IV.07	116	3	205		0	0	324	324	4	70	0	280	280	0	74	354	-250	30
V.07	88	29	128		0	0	245	245	11	23	1	226	226	0	35	261	-210	16
VI.07	179	46	175		0	0	400	400	7	7	1	191	191	0	79	270	-321	-130
VII.07	285	15	199		0	0	499	499	123	5	1	190	190	36	129	355	-370	-144
VIII.07	218	2	146		0	0	366	366	85	75	8	281	281	59	168	508	-198	142
IX.07	218	26	236		0	0	480	480	51	18	0	249	249	54	69	372	-411	-108
X.07	233	35	271		0	0	539	539	63	24	0	185	185	62	87	334	-452	-205
XI.07	241	54	280		0	0	575	575	3	6	0	197	197	37	9	243	-566	-332
XII.07	341	33	287		0	0	661	661	0	18	0	255	255	66	18	339	-643	-322
2007	3057	250	2744	0	0	0	6051	6051	412	380	11	2848	2848	314	803	3965	-5248	-2086
I.08	467	29	324		0	0	820	820	0	12	0	246	246	58	12	316	-808	-504
II.08	544	18	313		0	0	875	875	0	17	0	226	226	52	17	295	-858	-580
III.08	318	47	317		0	0	682	682	0	4	0	132	132	50	4	186	-678	-496
IV.08	141	136	235		1	0	512	513	11	0	0	73	73	45	11	129	-501	-384
V.08	118	126	226		0	0	470	470	31	0	0	107	107	40	31	178	-439	-292
VI.08	212	92	189		2	0	493	495	103	1	0	69	69	74	104	247	-389	-248
VII.08	226	101	254		1	0	581	582	53	0	0	73	73	88	53	214	-528	-368
VIII.08	284	27	240		0	0	551	551	25	16	9	121	121	82	50	253	-501	-298
IX.08	191	23	216		1	0	430	431	40	27	0	70	70	82	67	219	-363	-212
X.08	175	44	279		2	0	498	500	1	5	0	111	111	57	6	174	-492	-326
XI.08	127	46	328		5	0	501	506	24	8	1	94	94	40	33	167	-468	-339
XII.08	292	31	294		0	0	617	617	0	14	0	112	112	105	14	231	-603	-386
2008	3095	720	3215	12	0	0	7030	7042	288	104	10	1434	1434	773	402	2609	-6628	-4433

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 GWh

MM_YY	Export (-)										Import (+)										Balance			
	RS→BA	RS→BG	RS ² →HR	RS ² →HU	RS→ME	RS→MK	RS ² →RO	RS ² →AL	UCTE_EXP	Total_EXP	BA→RS	BG→RS ²	HR→RS ²	HR→RS ²	HU→RS ²	ME→RS	MK→RS	RO→RS ²	AL→RS ²	UCTE_IMP	Total_IMP	RS_UCTE	RS_Total	
I.98			16	0	0	107	6	13			47	99	0	0	120	27	0	75	64					
II.98	261	0	9	0	186	152	7	11	724	735	23	54	0	0	105	32	0	38	63	958	973	234	238	
III.98	193	0	24	0	108	236	17	23	604	624	29	45	0	0	32	38	0	20	38	831	832	227	208	
IV.98	130	0	1	0	85	162	73	41	557	588	29	13	0	0	9	38	0	4	13	695	695	138	107	
V.98	172	0	9	0	107	220	120	13	559	587	14	9	0	0	0	21	0	1	35	461	463	-98	-124	
VI.98	204	0	0	0	165	220	84	19	739	757	25	6	0	0	0	6	1	2	60	489	496	-250	-261	
VII.98	198	0	2	0	175	301	117	21	808	848	36	4	0	0	7	4	0	2	60	509	509	-299	-339	
VIII.98	187	0	1	0	160	260	71	47	719	740	28	37	0	0	13	6	0	2	60	672	674	-47	-66	
IX.98	156	0	0	0	125	264	47	25	642	671	20	33	0	0	25	4	0	1	53	714	714	72	43	
X.98	202	0	0	0	124	148	77	25	659	659	45	33	0	0	69	32	0	3	44	769	769	144	110	
XI.98	246	0	0	0	122	158	39	19	724	748	38	27	0	0	82	20	0	18	61	847	849	123	101	
XII.98	213	0	206	0	139	202	64	20	760	773	33	27	0	0	0	18	0	2	87	888	895	128	122	
2007	243	0	209	0	119	258	10	9	829	839	25	100	0	0	123	28	0	89	115	963	975	134	136	
2007	2405	0	1791	0	1615	2468	11	279	8290	8569	366	463	2	2	691	253	1	2744	48	8796	8844	506	275	
I.08	245	0	206	0	96	226	0	6	773	779	22	177	0	0	423	51	0	284	15	981	1002	208	223	
II.08	220	0	166	0	82	234	0	11	702	713	26	177	0	0	384	62	0	253	1	981	981	174	175	
III.08	223	0	216	0	137	235	0	27	811	838	22	139	0	0	218	62	0	280	0	876	888	174	175	
IV.08	197	0	183	0	132	206	0	13	718	731	9	45	0	0	0	19	0	0	0	877	877	66	39	
V.08	180	0	160	0	142	244	0	14	726	740	25	108	0	0	113	13	0	205	2	649	663	-69	-68	
VI.08	138	0	138	0	61	290	0	22	627	649	21	9	0	0	0	13	1	226	18	654	672	-72	-68	
VII.08	215	1	181	0	140	304	0	13	841	854	18	6	0	0	13	36	0	189	2	505	507	-122	-142	
VIII.08	193	0	134	0	106	292	9	14	734	748	30	4	0	0	171	23	0	254	15	649	664	-192	-190	
IX.08	144	0	144	0	85	203	0	16	576	592	5	37	0	0	207	21	0	240	9	649	664	-23	-28	
X.08	259	0	149	0	164	115	0	10	687	697	17	27	0	0	184	66	0	216	8	711	720	43	35	
XI.08	219	0	202	0	72	194	1	3	688	691	21	54	0	0	196	35	0	328	33	619	627	57	60	
XII.08	145	0	182	0	72	140	0	3	539	542	42	269	0	0	0	55	13	294	33	744	757	161	191	
2008	2378	1	2061	0	1289	2683	10	152	8422	8574	258	463	2	2	2650	439	14	3215	178	8958	9136	536	562	

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". ² Physical exchanges of the year 2008 with YUGO

			I-XII	
			1998	2007
Thermal nuclear net generation	GWh	Σ	2007 2008	0 0
Fossil fuels net generation	GWh	Σ	1998 2007 2008	28969 29383
Hydraulic net generation	GWh	Σ	1998 2007 2008	9928 10020
Other renewable net generation ¹	GWh	Σ	2007 2008	0 0
- of which wind	GWh	Σ	2007 2008	0 0
Non-identifiable net generation ¹	GWh	Σ	2007 2008	0 0
Total net electrical energy generation calculated to represent 100% of the national values	GWh	Σ	1998 2007 2008	38897 39403
Physical import	GWh	Σ	1998 2007 2008	8844 9136
Physical export	GWh	Σ	1998 2007 2008	8569 8574
Total physical import/export balance	GWh	Σ	1998 2007 2008	-246 435
Consumption of pumps	GWh	Σ	1998 2007 2008	812 856
National electrical consumption, calculated to represent 100% of the national values	GWh	Σ	1998 2007 2008	37839 38982
Consumption load 3:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1998 2007 2008	5273 4813
Consumption load 11:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1998 2007 2008	6492 6146
Highest load on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1998 2007 2008	6534 6520
Time of highest load on the 3rd Wednesday		CET	1998 2007 2008	10:00 19:00
Power produced in parallel operation on the 3rd Wednesday at 11:00 a.m.	MW	max.	1998	

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

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
2927	2322	2319	2145	2245	2281	2124	2152	2002	2656	2728	3068
3146	2802	2559	2061	2012	1698	2331	2153	2265	2756	2865	2735
785	900	1103	893	762	706	651	531	697	708	1057	1135
875	778	1117	1149	927	818	707	709	697	509	611	1123
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
3712	3222	3422	3038	3007	2987	2775	2683	2699	3364	3785	4203
4021	3580	3676	3210	2939	2516	3038	2862	2962	3265	3476	3858
973	832	695	463	496	509	674	714	769	849	895	975
1002	888	877	663	672	507	664	720	627	757	882	877
735	624	588	587	757	848	740	671	659	748	773	839
779	713	838	731	740	649	854	748	592	697	691	542
-232	-202	-100	130	259	346	71	-34	-104	-109	-127	-144
-152	-82	-11	91	-107	138	189	26	-25	42	111	215
134	10	32	12	73	59	42	57	106	144	99	44
52	40	93	67	52	20	117	101	29	100	106	79
3346	3010	3290	3156	3193	3274	2804	2592	2489	3111	3559	4015
3817	3458	3572	3234	2780	2634	3110	2787	2908	3207	3481	3994
4450	4117	3712	2993	2620	2789	2863	2711	2856	3662	4608	5273
4800	4813	4205	3496	2737	2795	2699	2807	2963	3150	4090	4376
5604	5311	5080	4343	4008	4113	4280	3924	4233	4913	5799	6492
6146	5901	5333	5219	4147	4148	3923	4070	4757	4496	5343	5703
6097	5914	5827	5125	4558	4650	4568	4395	4918	5696	6139	6534
6520	6407	6000	5490	4676	4558	4529	4611	5536	5423	6196	6476
19:00	19:00	20:00	21:00	21:00	22:00	22:00	21:00	20:00	20:00	18:00	10:00
19:00	21:00	20:00	21:00	22:00	22:00	22:00	21:00	20:00	21:00	19:00	19:00

			I-XII	
			1998	
Thermal nuclear net generation	GWh	Σ	1998	4786
			2007	5421
			2008	5970
Fossil fuels net generation	GWh	Σ	1998	4362
			2007	4816
			2008	4838
Hydraulic net generation	GWh	Σ	1998	3147
			2007	2814
			2008	3506
Other renewable net generation ¹	GWh	Σ	2007	0
			2008	0
- of which wind	GWh	Σ	2007	0
			2008	0
Non-identifiable net generation ¹	GWh	Σ	2007	0
			2008	0
Total net electrical energy generation calculated to represent 100% of the national values	GWh	Σ	1998	12295
			2007	13051
			2008	14314
Physical import	GWh	Σ	1998	2492
			2007	6106
			2008	6233
Physical export	GWh	Σ	1998	3140
			2007	5680
			2008	7827
Total physical import/export balance	GWh	Σ	1998	-648
			2007	397
			2008	-1628
Consumption of pumps	GWh	Σ	1998	0
			2007	0
			2008	0
National electrical consumption, calculated to represent 100% of the national values	GWh	Σ	1998	11647
			2007	13448
			2008	12686
Consumption load 3:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1998	1043
			2007	1407
			2008	1220
Consumption load 11:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1998	1917
			2007	2057
			2008	1814
Highest load on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1998	2018
			2007	2173
			2008	1918
Time of highest load on the 3rd Wednesday		CET	1998	18:00
			2007	18:00
			2008	20:00
Power produced in parallel operation on the 3rd Wednesday at 11:00 a.m.	MW	max.	1998	1812

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
463	409	449	312	8	426	456	441	446	464	446	466
518	469	517	487	500	482	497	495	491	80	369	516
516	483	515	500	514	407	508	507	493	511	500	516
429	388	468	390	403	270	270	214	356	375	406	393
480	418	472	349	237	266	445	407	380	430	447	485
473	464	434	443	333	418	406	332	402	434	348	351
195	126	125	225	256	307	372	263	336	418	323	201
164	176	250	280	252	237	295	226	275	267	216	176
194	151	189	273	372	429	380	337	217	218	358	388
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
1087	923	1042	927	667	1003	1098	918	1138	1257	1175	1060
1162	1063	1239	1116	989	985	1237	1128	1146	777	1032	1177
1183	1098	1138	1216	1219	1254	1294	1176	1112	1163	1206	1255
158	197	251	229	322	228	279	183	177	93	121	254
554	451	555	546	410	371	378	348	469	724	715	585
591	480	607	544	475	414	523	425	436	514	502	722
116	85	133	157	151	196	335	311	467	450	392	347
530	446	625	615	284	247	494	401	515	347	589	587
624	503	629	724	660	636	759	601	509	569	645	968
42	112	118	72	171	32	-56	-128	-290	-357	-271	-93
21	1	-73	-73	125	123	-116	-55	-47	373	123	-5
-36	-27	-25	-183	-188	-225	-240	-178	-75	-58	-144	-249
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
1129	1035	1160	999	838	1035	1042	790	848	900	904	967
1183	1064	1166	1043	1114	1108	1121	1073	1099	1150	1155	1172
1147	1071	1113	1033	1031	1029	1054	998	1037	1105	1062	1006
956	969	987	994	894	941	896	907	919	945	986	1043
1308	1330	1360	1261	1322	1355	1370	1193	1241	1317	1365	1407
1174	1178	1220	1141	1158	1123	1093	1101	1171	1194	1160	999
1495	1401	1455	1401	1350	1406	1306	1317	1356	1457	1917	1570
1998	1925	1917	1793	1887	1937	1940	1433	1871	1927	2047	2057
1805	1814	1719	1666	1702	1691	1639	1669	1699	1731	1738	1665
1546	1508	1551	1480	1404	1434	1323	1346	1404	1529	2018	1624
2049	2032	2121	1898	1930	2022	2018	1496	1958	2060	2173	2168
1866	1918	1856	1741	1771	1731	1725	1757	1823	1863	1907	1698
19:00	20:00	20:00	21:00	12:00	12:00	13:00	09:00	21:00	20:00	18:00	18:00
19:00	19:00	20:00	21:00	12:00	13:00	12:00	22:00	21:00	20:00	18:00	19:00
19:00	20:00	20:00	21:00	09:00	09:00	12:00	13:00	20:00	20:00	18:00	09:00
1256	1173	1234	1337	1041	1336	1296	1393	1695	1812	1791	1593

Physical exchanges in interconnected operation ¹

MM_YY	Export (-)			Import (+)			Total_IMP	SI_UCTE	SI_Total
	SI→AT	SI→HR	SI→IT	UCTE_EXP	Total_EXP	AT→SI			
I.98	3	49	64	116	116	93	158	42	42
II.98	0	61	24	85	85	112	197	112	112
III.98	0	102	31	133	133	152	251	118	118
IV.98	0	82	75	157	157	175	229	72	72
V.98	0	106	45	151	151	242	322	171	171
VI.98	0	114	82	196	196	216	228	32	32
VII.98	4	147	184	335	335	268	279	-56	-56
VIII.98	15	148	148	311	311	175	183	-128	-128
IX.98	1	91	375	467	467	172	177	-290	-290
X.98	10	72	368	450	450	87	93	-357	-357
XI.98	13	58	321	392	392	119	121	-271	-271
XII.98	0	123	224	347	347	246	254	-93	-93
1998	46	1153	1941	3140	3140	2057	2492	-648	-648
I.07	107	66	357	530	530	72	554	24	24
II.07	96	82	268	446	446	74	451	5	5
III.07	75	115	435	625	625	88	555	-70	-70
IV.07	31	185	399	615	615	164	546	-69	-69
V.07	25	174	85	284	284	132	410	126	126
VI.07	38	182	27	247	247	101	371	124	124
VII.07	17	283	194	494	494	147	378	-116	-116
VIII.07	12	344	45	401	401	146	348	-53	-53
IX.07	5	298	212	515	515	198	469	-46	-46
X.07	19	25	303	347	347	174	724	377	377
XI.07	71	35	483	589	589	75	715	126	126
XII.07	83	79	425	587	587	61	585	-2	-2
2007	579	1868	3233	5680	5680	1432	6106	426	426
I.08	141	68	415	624	624	76	591	-33	-33
II.08	97	101	305	503	503	75	480	-23	-23
III.08	113	69	447	629	629	55	607	-22	-22
IV.08	63	152	509	724	724	70	544	-180	-180
V.08	9	271	380	660	660	166	475	-185	-185
VI.08	23	272	341	636	636	141	414	-222	-222
VII.08	16	252	491	759	759	155	523	-236	-236
VIII.08	14	383	204	601	601	188	425	-176	-176
IX.08	49	296	164	509	509	97	436	-73	-73
X.08	113	134	322	569	569	84	514	-55	-55
XI.08	112	122	411	645	645	53	502	-143	-143
XII.08	123	101	744	968	968	50	722	-246	-246
2008	873	2221	4733	7827	7827	1210	6233	-1594	-1594

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".

MM_YY	Export (-)					Import (+)					Balance			
	SK→CZ	SK→HU	SK→PL	SK→UA_W	UCTE_EXP	Total_EXP	CZ→SK	HU→SK	PL→SK	UA_W→SK	UCTE_IMP	Total_IMP	SK_UCTE	SK_Total
I.98	75	184	0	0	0	259	345	1	0	227	0	227	0	-32
II.98	55	129	0	0	0	184	410	3	0	190	0	190	0	6
III.98	64	158	0	0	0	222	271	42	0	192	0	192	0	-30
IV.98	89	165	0	0	0	254	219	8	0	197	0	197	0	-57
V.98	69	180	0	0	0	249	322	6	0	149	0	149	0	-100
VI.98	84	166	0	0	0	250	236	7	0	185	0	185	0	-65
VII.98	72	204	0	0	0	276	329	3	0	122	0	122	0	-154
VIII.98	69	117	0	1	0	187	221	6	11	77	0	77	0	-110
IX.98	72	175	1	2	0	250	184	2	119	47	0	47	0	-203
X.98	93	226	0	1	0	320	138	4	148	83	0	83	0	-237
XI.98	103	214	1	0	0	318	169	1	106	120	0	120	0	-198
XII.98	93	225	0	1	0	319	245	0	116	81	0	81	0	-238
1998	938	2143	2	5	0	3088	3089	83	500	1670	0	1670	0	-1418
I.07	1	1010	0	329	1011	1340	1040	0	385	6	1425	1431	414	91
II.07	4	897	0	302	901	1203	819	0	371	5	1190	1195	289	-8
III.07	21	985	0	225	1006	1231	743	0	315	5	1058	1063	52	-168
IV.07	6	597	0	364	603	967	754	0	296	4	1050	1054	447	87
V.07	6	812	0	162	818	980	780	0	239	4	1019	1023	201	43
VI.07	7	637	0	137	644	781	735	0	213	5	948	953	304	172
VII.07	0	724	0	133	724	857	812	0	235	4	1047	1051	323	194
VIII.07	1	700	0	213	701	914	912	0	194	4	1106	1110	405	196
IX.07	2	610	0	269	612	881	822	0	345	4	1167	1171	555	290
X.07	0	671	0	212	671	883	955	0	296	5	1251	1256	580	373
XI.07	1	635	0	187	636	823	739	0	383	6	1122	1128	486	305
XII.07	4	780	0	212	784	996	814	0	327	6	1141	1147	357	151
2007	53	9058	0	2745	9111	11856	9925	0	3599	58	13524	13582	4413	1726
I.08	4	940	0	264	944	1208	901	0	330	6	1231	1237	287	29
II.08	6	850	0	258	856	1114	754	0	317	5	1071	1076	215	-38
III.08	16	782	0	70	798	868	563	0	232	6	795	801	-3	-67
IV.08	14	591	0	43	605	648	634	0	155	15	789	804	184	156
V.08	20	666	3	23	689	712	372	0	92	37	464	501	-225	-211
VI.08	9	408	8	16	425	441	433	0	71	32	504	536	79	95
VII.08	18	456	2	87	476	563	567	0	57	10	624	634	148	71
VIII.08	24	491	18	35	533	568	507	0	42	13	549	562	16	-6
IX.08	16	583	0	45	599	644	607	0	258	21	865	886	266	242
X.08	19	699	0	159	718	877	667	0	460	15	1127	1142	409	265
XI.08	64	492	0	96	556	652	299	0	357	8	656	664	100	12
XII.08	23	496	0	75	519	594	381	0	181	9	562	571	43	-23
2008	233	7454	31	1171	7718	8889	6685	0	2552	177	9237	9414	1519	525

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 generation	GWh	Σ	1998	10491
			2007	14181
			2008	15483
Fossil fuels net generation	GWh	Σ	1998	9157
			2007	7080
			2008	7288
Hydraulic net generation	GWh	Σ	1998	4561
			2007	4511
			2008	4306
Other renewable net generation ¹	GWh	Σ	2007	308
			2008	311
- of which wind	GWh	Σ	2007	8
			2008	7
Non-identifiable net generation ¹	GWh	Σ	2007	0
			2008	0
Total net electrical energy generation calculated to represent 100% of the national values	GWh	Σ	1998 ²	24209
			2007 ²	26080
			2008 ²	27388
Physical import	GWh	Σ	1998	5342
			2007	13582
			2008	9414
Physical export	GWh	Σ	1998	3088
			2007	11856
			2008	8889
Total physical import/export balance	GWh	Σ	1998	2249
			2007	1726
			2008	521
Consumption of pumps	GWh	Σ	1998	306
			2007	225
			2008	274
National electrical consumption, calculated to represent 100% of the national values	GWh	Σ	1998	26152
			2007	27581
			2008	27635
Consumption load 3:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1998	n.a.
			2007	3509
			2008	3346
Consumption load 11:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1998	n.a.
			2007	4277
			2008	4120
Highest load on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1998	n.a.
			2007	4418
			2008	4275
Time of highest load on the 3rd Wednesday		CET	1998	n.a.
			2007	18:00
			2008	18:00
Power produced in parallel operation on the 3rd Wednesday at 11:00 a.m.	MW	max.	1998	3749

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
1048	799	860	822	711	726	762	814	762	1022	1038	1127
1422	1273	1421	1104	1246	1101	1135	1078	954	966	1130	1351
1468	1387	1470	966	1437	1128	1163	1224	1135	1203	1468	1434
857	821	991	716	680	613	574	650	714	697	825	1019
647	620	642	592	540	487	465	521	494	707	682	683
777	728	574	654	584	523	487	512	546	636	630	637
375	299	389	399	376	355	362	248	337	476	561	384
391	409	537	369	343	317	306	271	418	342	375	433
362	341	493	481	414	358	412	342	267	260	234	342
26	24	25	25	25	23	24	21	30	28	27	30
29	27	28	25	24	24	26	20	23	28	29	28
1	1	1	1	1	0	0	0	0	1	1	1
1	1	1	1	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
2280	1919	2240	1937	1767	1694	1698	1712	1813	2195	2424	2530
2486	2326	2625	2090	2154	1928	1930	1891	1896	2043	2214	2497
2636	2483	2565	2126	2459	2033	2088	2098	1971	2127	2361	2441
573	603	505	424	477	428	454	315	352	373	396	442
1431	1195	1063	1054	1023	953	1051	1110	1171	1256	1128	1147
1237	1076	801	804	501	536	634	562	886	1142	664	571
259	184	222	254	249	250	276	187	250	320	318	319
1340	1203	1231	967	980	781	857	914	881	883	823	996
1208	1114	868	648	712	441	563	568	644	877	652	594
314	419	282	170	227	177	178	128	101	54	77	122
92	-8	-168	88	42	171	193	197	290	373	304	152
29	-38	-68	156	-212	96	71	-7	241	265	11	-23
27	22	20	20	17	22	27	27	29	35	37	23
22	21	23	19	19	10	21	15	11	19	20	25
28	26	19	20	27	26	18	13	21	22	24	30
2567	2316	2502	2087	1977	1849	1849	1813	1885	2214	2464	2629
2556	2297	2434	2159	2177	2089	2102	2073	2175	2397	2498	2624
2637	2419	2478	2262	2220	2103	2141	2078	2191	2370	2348	2388
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
3224	3191	3060	2795	2721	2890	2730	2607	2769	3032	3283	3509
3346	3318	3164	2940	2871	2740	2672	2603	2802	2869	3070	2897
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
4007	3857	3826	3572	3385	3478	3493	3275	3471	3652	4012	4277
4120	3991	3895	3636	3646	3460	3373	3368	3648	3625	3931	3763
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
4189	4003	3982	3642	3415	3546	3543	3342	3662	3867	4238	4418
4275	4101	4036	3762	3691	3496	3493	3428	3708	3782	4162	3920
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
17:00	19:00	19:00	20:00	13:00	13:00	13:00	14:00	20:00	20:00	18:00	18:00
18:00	19:00	20:00	21:00	13:00	14:00	13:00	13:00	20:00	20:00	18:00	18:00
3370	2955	3340	3066	2506	2674	2618	2692	3010	3295	3749	3706

²including deliveries from industry

			I-XII	
Thermal nuclear net generation	GWh	Σ	1998	689494
			2007	759358
			2008	774800
Fossil fuels net generation	GWh	Σ	1998	1057667
			2007	1402291
			2008	1383911
Hydraulic net generation	GWh	Σ	1998	284380
			2007	294233
			2008	306469
Other renewable net generation ¹	GWh	Σ	2007	135334
			2008	158327
- of which wind	GWh	Σ	2007	87457
			2008	100912
Non-identifiable net generation ¹	GWh	Σ	2007	8041
			2008	11027
Total net electrical energy generation calculated to represent 100% of the national values	GWh	Σ	1998 ²	2172177
			2007 ²	2607314
			2008 ²	2643042
Physical import	GWh	Σ	1998	188926
			2007	326215
			2008	310644
Physical export	GWh	Σ	1998	192295
			2007	325257
			2008	309196
Total physical import/export balance	GWh	Σ	1998	-979
			2007	-1450
			2008	-893
Consumption of pumps	GWh	Σ	1998	32619
			2007	41655
			2008	39841
National electrical consumption, calculated to represent 100% of the national values	GWh	Σ	1998	2138579
			2007	2564209
			2008	2602308
Consumption load 3:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1998	199651
			2007	298701
			2008	277982
Consumption load 11:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1998	277513
			2007	394640
			2008	383046
Highest load on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1998	284534
			2007	411148
			2008	392362
Time of highest load on the 3rd Wednesday	CET		1998	18:00
			2007	18:00
			2008	19:00
Power produced in parallel operation on the 3rd Wednesday at 11:00 a.m.	MW	max.	1998	310135

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

I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
67597	61083	61509	55588	53482	50077	52515	50329	53680	59154	60573	63907
73886	65695	67697	59950	59538	56632	57294	57968	59188	65169	64560	71781
73718	70261	69796	62042	60793	54384	60033	61140	59147	63323	65934	74229
92732	87343	97825	84089	76364	77188	84064	78375	84848	90293	98802	105744
128472	116048	119653	105545	103318	107096	113359	107125	109228	125326	132621	134500
134311	127048	120253	112316	99608	103234	112580	102917	112438	122085	118812	118309
27746	21278	20605	24017	27328	27851	24562	20152	21411	24219	23821	21390
22700	23935	28198	23936	26926	29715	28889	24324	21944	21271	20471	21924
23492	19606	23117	27768	32353	35003	30302	25006	23290	18877	21957	25698
15132	11188	12911	8486	10262	8980	11028	10289	11124	9179	13515	13240
17001	13347	17939	12233	9637	10471	10927	11865	10865	13479	15562	15001
11579	7815	9158	4775	6441	5031	6759	5961	6887	4905	9182	8964
12491	8940	13056	7671	4935	5815	6139	6887	5995	8492	10778	9713
787	507	649	655	752	598	701	574	762	618	863	575
906	834	967	960	949	894	900	876	765	854	965	1157
200808	181181	192576	175143	168066	165599	172230	159502	170961	185923	195825	204363
241696	217998	229756	199130	201454	203670	211969	200941	202891	222219	232796	242794
250213	231823	232838	216029	203923	204610	215468	202472	207194	219324	223980	235168
16961	15103	17152	15712	15948	14904	15412	13703	15698	15771	15548	17014
30899	26722	29779	26849	25259	24326	26817	26211	25557	27115	27580	29101
30747	28298	29214	25818	24393	22351	24658	23477	22424	25171	25883	28210
17470	15792	17759	16424	16615	15239	14933	12964	15715	16212	15972	17200
30838	26983	29719	25673	24470	24511	26688	26358	26201	27237	27430	29149
30981	28078	28953	25489	24060	22185	24232	24138	22392	24683	25924	28081
-298	-537	-456	-454	-411	-269	538	1007	334	-280	-306	153
-665	-848	-332	1259	1165	462	218	-368	-945	-509	-319	-568
-874	-316	-17	379	194	341	678	-740	-248	385	-402	-273
2634	2088	2260	2362	2698	2835	3171	2919	3144	2964	2736	2808
3829	3327	3233	3185	3546	3213	3339	3108	3248	3689	3910	4028
3779	3325	3511	2905	3129	3014	3035	2939	3057	3725	3635	3787
197876	178556	189860	172327	164957	162495	169597	157590	168151	182679	192783	201708
237202	213823	226191	197204	199073	200919	208848	197465	198698	218021	228567	238198
245560	228182	229310	213503	200988	201937	213111	198793	203889	215984	219943	231108
196998	186860	183589	181088	156819	159041	157085	153570	164934	174847	199651	192780
261672	260021	265718	226069	225679	232290	236691	210123	231234	238201	267332	298701
276051	277982	266831	255371	228433	230186	234059	220696	232008	231822	253135	262903
277513	261144	259364	263740	238922	245204	246130	231191	249865	260733	272069	276307
365810	355817	357430	323333	323802	339200	341511	266355	331585	339698	368986	394640
383046	371274	353808	346815	328655	330199	334210	311328	332581	334536	355341	372728
279163	261144	259364	263740	239643	246462	247485	232824	250383	260733	282896	284534
377973	363807	366505	324521	325599	342459	345255	272314	332483	349648	383877	411148
392362	381465	365042	346910	331555	334379	338765	316905	334970	344999	377944	387048
19:00	11:00	11:00	11:00	12:00	12:00	12:00	12:00	12:00	11:00	19:00	18:00
19:00	19:00	20:00	12:00	12:00	12:00	12:00	13:00	12:00	20:00	18:00	18:00
19:00	19:00	20:00	12:00	12:00	12:00	12:00	12:00	12:00	20:00	18:00	18:00
310135	291356	290126	289042	262129	268139	265565	249131	276713	286871	306074	308669

² including deliveries from industry

³ Ukraine West is not part of UCTE values; from June 2007 including Denmark West

		IMPORTING COUNTRIES													
		AT	BA	BE	BG	CH	CZ	DE	DK_W	ES	FR	GR	HR	HU	IT
EXPORTING COUNTRIES	Year														
	AT	1998				3055	67	3954						106	1632
		2007				8222	40	4511						1457	1405
		2008				7449	56	5607						839	1367
	BA	1998											793		
		2007											1702		
		2008											2664		
	BE	1998									1445				
		2007									2321				
		2008									2036				
	BG	1998										1086			
		2007										4297			
		2008										4628			
	CH	1998	203						5259		1007				21467
		2007	37						3105		2648				28859
		2008	106						2709		3548				24162
	CZ	1998	2750						4802						
		2007	6988						9421						
		2008	5335						7940						
	DE	1998	6165				10314	336	n.a.		404				
		2007	16132				15026	886	680		729				
		2008	14997				13858	1326	586		868				
	DK_W	1998							n.a.						
		2007							5905						
		2008							7180						
	ES	1998									757				
		2007									1113				
		2008									1661				
	FR	1998			4475		9172		12698		5187				16586
		2007			8346		10442		16434		6621				15132
		2008			7286		8787		10569		4564				12841
	GR	1998				51									0
		2007				0									170
		2008				0									181
	HR	1998		310										0	
		2007		1175										0	
		2008		737										4	
	HU	1998	1275										416		
		2007	243										6536		
		2008	721										5301		
	IT	1998	0				10				453	0			
		2007	0				66				1154	1131			
		2008	1				400				1140	1758			
	LU	1998			0				923						
		2007			2084				802						
		2008			1629				835						
ME	1998														
	2007		163												
	2008		239												
MK	1998										1412				
	2007										904				
	2008										1189				
NL	1998			3216				1493							
	2007			5268				300							
	2008			8121				829							
PL	1998						7078	503							
	2007						9230	48							
	2008						6909	96							
PT	1998									3719					
	2007									2154					
	2008									1315					
RO	1998				n.a.								n.a.		
	2007				3057								250		
	2008				3095								720		
RS	1998				0							1791	0		
	2007		2405		1							2061	0		
	2008		2378										0		
SI	1998	46										1153		1941	
	2007	579										1868		3233	
	2008	873										2221		4733	
SK	1998						938						2143		
	2007						53						9058		
	2008						233						7454		
UA_W	1998												n.a.		
	2007												3915		
	2008												3755		
UCTE	1998	6414	310	7691	240	22551	403	24327	n.a.	8906	4066	1412	1696	106	41626
	2007	23979	3743	15698	3057	33756	10209	37917	680	8775	7965	6332	11897	10765	48799
	2008	22033	3354	17036	3095	30494	8524	35765	586	5879	9253	7575	12247	9017	43284
Third countries	1998	4025	0	0	n.a.	0	8016	12540	n.a.	1	32	1097	728	2143	0
	2007	0	0	0	0	0	0	6353	5591	21	2395	89	0	3915	0
	2008	0	0	0	0	0	0	4480	7178	15	923	0	0	3755	0
Total Import	1998	10439	310	7691	n.a.	22551	8419	36867	n.a.	8907	4098	2509	2424	2249	41626
	2007	23979	3743	15698	3057	33756	10209	44270	680	8796	10360	6421	11897	14680	48799
	2008	22033	3354	17036	3095	30494	8524	40245	7764	5894	10176	7575	12247	12772	43284
UCTE Balance	1998	-4284	-483	1251	n.a.	-5385	-7149	-10627	n.a.	4260	-44052	1389	1384	-2276	40728
	2007	6912	-601	6660	-4463	-893	-16145	-23353	-5225	-1821	-49010	6051	6343	176	46153
	2008	5505	-1650	10475	-5345	-31	-11462	-25609	-6594	-6379	-34794	7299	6578	241	39890
Total Balance	1998	-432	n.a.	1251	n.a.	-5385	-2328	-1745	n.a.	3560	-56618	1620	2112	-216	40728
	2007	6912	-601	6660	-4463	-893	-16145	-19115	-1773	-5302	-55105	4366	6343	3984	46153
	2008	5505	-1650	10475	-5345	-31	-11462	-22450	-1035	-10591	-46319	5611	6578	3905	39890

Annual physical electricity exchange in interconnected operation (GWh)

UCTE

IT	LU	ME	MK	NL	PL	PT	RO	RS	SI	SK	UA_W	UCTE	Third countries	Total Export
1632 1405 1367									2057 1432 1210			10698 17067 16528	173 0 0	10871 17067 16528
		2276 2082						366 439				793 4344 5004	0 0 0	793 4344 5004
	1871 1630 1517			3124 5087 3008								6440 9038 6561	0 0 0	6440 9038 6561
			0 809 1142				n.a. 412 288	463 2002 2362				1549 7520 8440	n.a. 0 0	n.a. 7520 8440
21467 28859 24162												27936 34649 30525	0 0 0	27936 34649 30525
					106 20 26					3089 9925 6685		7552 26354 19986	3195 0 0	10747 26354 19986
	4450 5215 5302			13621 18063 18859	3019 4891 5578							34954 61270 61374	3658 2115 1321	38612 63385 62695
												n.a. 5905 7180	n.a. 2139 1619	n.a. 8044 8799
						3889 9483 10597						4646 10596 12258	701 3502 4227	5347 14098 16485
16586 15132 12841												48118 56975 44047	12598 8490 12448	60716 65465 56495
0 170 181			23 111 95									23 281 276	866 1774 1688	889 2055 1964
								2 0 0	0 4379 4928			312 5554 5669	0 0 0	312 5554 5669
							691 3430 2650	0 3430 2650		83 0 0	0 107 91	2382 10589 8776	83 107 91	2465 10696 8867
									435 295 95			898 2646 3394	0 0 0	898 2646 3394
												923 2886 2464	0 0 0	923 2886 2464
								253 439				416 678	827 806	1243 1484
								1 14				1412 906 1203	n.a. 0 0	n.a. 906 1203
												4709 5568 8950	0 0 332	4709 5568 9282
										500 3599 2552		503 12877 9557	7578 230 147	8081 13107 9704
												3719 2154 1315	0 0 0	3719 2154 1315
								256 2744 3215			n.a. 0 12	256 6051 7030	n.a. 0 12	n.a. 6051 7042
		1615 1289	2468 2683				11 10					8290 8422	279 152	8569 8574
1941 3233 4733												3140 5680 7827	0 0 0	3140 5680 7827
					2 0 31						5 2745 1171	0 9111 7718	3088 2745 1171	3088 11856 8889
							n.a. 2848 1434			1670 58 177		0 6821 5366	n.a. 0 0	n.a. 6821 5366
41626 48799 43284	6321 6845 6819	3891 3371	23 3388 3920	16745 23150 21867	3019 4911 5635	3889 9483 10597	685 803 402	8796 8958	2492 6106 6233	0 13524 2852	0 2852 1274	148721 306727 285182	n.a. 22208 24014	n.a. 328935 309196
0 0 0	0 0 0	2 7	n.a. 0 0	0 3156	910 2841 3386	0 0 0	n.a. 3162 2207	48 178	0 0 0	1670 58 177	n.a. 0 0	n.a. 18834 18099		
41626 48799 43284	6321 6845 6819	3893 3378	n.a. 3388 3920	16745 23150 25023	3929 7752 9021	3889 9483 10597	n.a. 3965 2609	8844 9136	2492 6106 6233	1670 13582 9414	n.a. 2852 1274	183136 328944 310643		
40728 46153 39890	5398 3959 4355	3475 3242	-1389 2482 2717	12036 17582 12917	2516 -7966 -3922	170 7329 9282	252 -5248 -6628	506 536	-648 426 -1594	0 4413 1519	n.a. -3969 -4092			
40728 46153 39890	5398 3959 4355	2650 1894	n.a. 2482 2717	12036 17582 15741	-4152 -5355 -683	170 7329 9282	n.a. -2086 -4433	275 562	-648 426 -1594	-1418 1726 525	n.a. -3969 -4092			

			I-XII	
			1998	n.a.
Thermal nuclear net generation	GWh	Σ	2007	0
			2008	0
Fossil fuels net generation	GWh	Σ	1998	n.a.
			2007	8096
			2008	8094
Hydraulic net generation	GWh	Σ	1998	n.a.
			2007	145
			2008	153
Other renewable net generation ¹	GWh	Σ	2007	0
			2008	0
- of which wind	GWh	Σ	2007	0
			2008	0
Non-identifiable net generation ¹	GWh	Σ	2007	0
			2008	0
Total net electrical energy generation calculated to represent 100% of the national values	GWh	Σ	1998	n.a.
			2007	8241
			2008	8247
Physical import	GWh	Σ	1998	n.a.
			2007	2852
			2008	1274
Physical export	GWh	Σ	1998	n.a.
			2007	6821
			2008	5366
Total physical import/export balance	GWh	Σ	1998	n.a.
			2007	-3970
			2008	-4092
Consumption of pumps	GWh	Σ	1998	n.a.
			2007	0
			2008	0
National electrical consumption, calculated to represent 100% of the national values	GWh	Σ	1998	n.a.
			2007	4271
			2008	4155
Consumption load 3:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1998	n.a.
			2007	650
			2008	637
Consumption load 11:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1998	n.a.
			2007	828
			2008	850
Highest load on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	1998	n.a.
			2007	917
			2008	944
Time of highest load on the 3rd Wednesday		CET	1998	n.a.
			2007	18:00
			2008	17:00
Power produced in parallel operation on the 3rd Wednesday at 11:00 a.m.	MW	max.	1998	n.a.

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.	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	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.	n.a.
719	674	695	644	574	599	691	694	565	688	752	801	801
804	732	726	617	585	640	665	655	638	574	709	749	749
n.a.	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	17	20	14	17	7	11	5	14	10	4	11	11
8	11	20	19	18	10	18	13	7	9	7	13	13
0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	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.	n.a.
734	691	715	658	591	606	702	699	579	698	756	812	812
812	743	746	636	603	650	683	668	645	583	716	762	762
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
335	302	257	366	165	139	138	221	283	224	194	228	228
269	258	88	45	26	27	88	58	52	165	108	90	90
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	0	n.a.	n.a.	n.a.	n.a.
650	610	599	698	446	453	524	609	561	552	538	581	581
625	595	445	340	324	413	491	448	402	406	445	432	432
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
-315	-308	-342	-332	-281	-314	-386	-388	-279	-328	-344	-353	-353
-356	-337	-357	-295	-297	-386	-404	-390	-350	-241	-337	-342	-342
n.a.	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	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.	n.a.
419	383	373	326	310	292	316	311	300	370	412	459	459
456	406	389	341	306	264	279	278	295	342	379	420	420
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
584	593	521	468	424	455	453	456	441	540	610	650	650
605	637	574	488	386	416	407	373	436	428	549	553	553
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
762	738	726	599	556	618	600	643	587	675	762	828	828
803	850	689	663	541	564	566	558	635	584	822	736	736
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
917	865	815	741	658	635	671	709	695	831	869	890	890
944	913	822	766	621	599	621	628	754	753	934	865	865
n.a.	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	20:00	21:00	21:00	21:00	21:00	20:00	19:00	17:00	17:00	17:00
17:00	18:00	19:00	20:00	21:00	09:00	21:00	21:00	19:00	19:00	17:00	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.	n.a.

Physical exchanges in interconnected operation ¹

MM_YY	Export (-)			Import (+)					Balance		
	UA_W→HU	UA_W→RO	UA_W→SK	Total_EXP	HU→UA_W	RO→UA_W	SK→UA_W	UCTE_IMP	Total_IMP	UA_W_UCTE	UA_W_Total
I.98	n.a.	n.a.	227	n.a.	n.a.	n.a.	0	0	n.a.	0	n.a.
II.98	n.a.	n.a.	190	0	n.a.	n.a.	0	0	n.a.	0	n.a.
III.98	n.a.	n.a.	192	0	n.a.	n.a.	0	0	n.a.	0	n.a.
IV.98	n.a.	n.a.	197	0	n.a.	n.a.	0	0	n.a.	0	n.a.
V.98	n.a.	n.a.	149	0	n.a.	n.a.	0	0	n.a.	0	n.a.
VI.98	n.a.	n.a.	185	0	n.a.	n.a.	0	0	n.a.	0	n.a.
VII.98	n.a.	n.a.	122	0	n.a.	n.a.	0	0	n.a.	0	n.a.
VIII.98	n.a.	n.a.	77	0	n.a.	n.a.	1	0	n.a.	0	n.a.
IX.98	n.a.	n.a.	47	0	n.a.	n.a.	2	0	n.a.	0	n.a.
X.98	n.a.	n.a.	83	0	n.a.	n.a.	1	0	n.a.	0	n.a.
XI.98	n.a.	n.a.	120	0	n.a.	n.a.	0	0	n.a.	0	n.a.
XII.98	n.a.	n.a.	81	0	n.a.	n.a.	1	0	n.a.	0	n.a.
1998	n.a.	n.a.	1670	0	n.a.	n.a.	5	0	n.a.	0	n.a.
I.07	361	283	6	650	6	0	329	335	335	-315	-315
II.07	370	235	5	610	0	0	302	302	302	-308	-308
III.07	318	276	5	599	32	0	225	257	257	-342	-342
IV.07	414	280	4	698	2	0	364	366	366	-332	-332
V.07	216	226	4	446	3	0	162	165	165	-281	-281
VI.07	257	191	5	453	2	0	137	139	139	-314	-314
VII.07	330	190	4	524	5	0	133	138	138	-386	-386
VIII.07	324	281	4	609	8	0	213	221	221	-388	-388
IX.07	308	249	4	561	14	0	269	283	283	-278	-278
X.07	362	185	5	552	12	0	212	224	224	-328	-328
XI.07	335	197	6	538	7	0	187	194	194	-344	-344
XII.07	320	255	6	581	16	0	212	228	228	-353	-353
2007	3915	2848	58	6821	107	0	2745	2852	2852	-3969	-3969
I.08	373	246	6	625	5	0	264	269	269	-356	-356
II.08	364	226	5	595	0	0	258	258	258	-337	-337
III.08	307	132	6	445	18	0	70	88	88	-357	-357
IV.08	252	73	15	340	1	1	43	45	45	-295	-295
V.08	180	107	37	324	3	0	23	26	26	-298	-298
VI.08	312	69	32	413	9	2	16	27	27	-386	-386
VII.08	408	73	10	491	0	1	87	88	88	-403	-403
VIII.08	314	121	13	448	23	0	35	58	58	-390	-390
IX.08	311	70	21	402	6	1	45	52	52	-350	-350
X.08	280	111	15	406	4	2	159	165	165	-241	-241
XI.08	343	94	8	445	7	5	96	108	108	-337	-337
XII.08	311	112	9	432	15	0	75	90	90	-342	-342
2008	3755	1434	177	5366	91	12	1171	1274	1274	-4092	-4092

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".