

Monthly values

1

1st synchronous
OCTE region

2nd synchronous
OCTE region

Synchronous operation
with 1st OCTE region

Synchronous operation
with 2nd OCTE region

OPERATION AND PHYSICAL EXCHANGE BALANCE (PER COUNTRY FOR THE YEARS 1996, 2000, 2001)

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Abbreviations used in tables

Σ	Sum of the 12 monthly values
∅ pond.....	Weighted mean value
Max.	Maximal value of the year
III	Third countries
AL	Albania
BG	Bulgaria
BY	Belarus
DK	Denmark
GB	Great Britain
MA	Morocco
RO	Romania
S	Sweden
UA	Ukraine

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

¹ JIEL = FRY + FYROM (Federal Republic of Yugoslavia and Former Yugoslav Republic of Macedonia)

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

Thermal conventional net production

Thermal nuclear net production

Hydraulic net production

Total net electrical energy production

Total physical import/export balance

Consumption of pumps

National electrical consumption

National electrical consumption as percentage of total values

Energy capability factor (hydro power)

Consumption load at 3:00 a.m. on the 3rd Wednesday

Consumption load at 11:00 a.m. on the 3rd Wednesday

Peak load on the 3rd Wednesday

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

BELGIQUE

Monthly values Operation

			I-XII	
Thermal conventional net production	GWh	Σ	1996	30009
			2000	32723
			2001	30414
Thermal nuclear net production	GWh	Σ	1996	41150
			2000	45748
			2001	44004
Hydraulic net production	GWh	Σ	1996	1200
			2000	1691
			2001	1635
Total net electrical energy production	GWh	Σ	1996 ²	72359
			2000 ²	80162
			2001 ²	76053
Total physical import / export balance ¹	GWh	Σ	1996	4191
			2000	4328
			2001	9105
Consumption of pumps	GWh	Σ	1996	1267
			2000	1639
			2001	1604
National electrical consumption	GWh	Σ	1996	75283
			2000	82851
			2001	83554
National electrical consumption as percentage of total values	%Ø pond.		1996	100
			2000	100
			2001	100
Energy capability factor (hydro power)	Ø pond.		1996	-
			2000	-
			2001	-
Consumption load at 3:00 a.m. on the 3 rd Wednesday	MW max.		1996	9683
			2000	9257
			2001	10567
Consumption load at 11:00 a.m. on the 3 rd Wednesday	MW max.		1996	10977
			2000	11417
			2001	12092
Peak load on the 3 rd Wednesday	MW max.		1996	11446
			2000	12291
			2001	12953
Power produced in parallel operation on the 3 rd Wednesday at 11:00 a.m.	MW max.		1996	10673
			2000	11333
			2001	10667

¹Terminology 2.15, see also note Physical energy exchange in interconnected operation

²Including deliveries from industry

Monthly values
Operation

BELGIQUE

I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
2695	2688	2979	2465	2412	2273	2026	2105	2235	2786	2341	3004
3347	3523	3210	2728	2584	2406	2418	2204	2343	2514	2766	2680
2779	2433	2822	2196	2413	2475	2533	2474	2540	2327	2806	2616
4104	3895	3726	3253	3247	3024	3102	2937	3361	3178	3816	3507
4101	3069	3917	3561	3662	3547	3336	3755	4063	4278	4159	4300
4257	3729	3553	3471	3353	3251	3106	3421	3421	4251	3883	4308
103	104	107	88	93	85	96	103	74	93	117	137
149	146	151	135	106	116	140	131	131	152	164	170
150	153	152	150	145	122	121	104	129	131	130	148
6902	6687	6812	5806	5752	5382	5224	5145	5670	6057	6274	6648
7597	6738	7278	6424	6352	6069	5894	6090	6537	6944	7089	7150
7186	6315	6527	5817	5911	5848	5760	5999	6090	6709	6819	7072
278	158	96	274	366	311	255	457	347	520	516	613
89	494	275	380	470	385	411	332	173	423	385	511
851	902	1202	1214	858	641	538	472	662	493	605	667
108	93	101	97	111	102	118	121	85	110	97	124
134	125	131	124	108	131	138	138	147	157	151	155
131	140	127	127	141	138	146	127	132	138	123	134
7072	6752	6807	5983	6007	5591	5361	5481	5932	6467	6693	7137
7552	7107	7422	6680	6714	6323	6167	6284	6563	7210	7323	7506
7906	7077	7602	6904	6628	6351	6152	6344	6620	7064	7301	7605
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
-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-
8459	9683	8187	7191	7539	6825	6207	6816	7152	7200	8579	8735
9075	9257	8923	8340	7779	7915	7155	6634	7694	8460	9096	9205
10567	9657	9477	8765	7947	7807	7114	7284	8017	7875	9016	9761
10612	10977	10269	9623	10047	9489	8336	9554	9809	9828	10856	10884
11362	11375	11124	10602	10592	10794	9408	10161	10642	11397	11221	11417
12092	11810	12046	11636	10727	10576	9328	7873	10878	10658	11432	11699
11205	11174	10464	9836	10397	9898	8685	9963	9399	10119	11446	11414
11973	11957	11432	11025	10877	11097	9860	10626	10984	11596	12186	12291
12953	12186	12134	11799	11158	10924	9760	8531	11338	11196	12116	12281
10136	10673	9752	9069	9576	9178	8213	9090	9399	8434	9863	9506
11333	10703	10111	10554	10421	10487	8941	9528	10456	10858	10637	10870
10602	9992	10667	9753	9650	10092	8983	7818	10255	9966	10105	10588

Physical exchanges in interconnected operation¹

MM_YY	B→F	B→L	B→NL	B_UCTE_EXP	B_III_EXP	B_CENTREL_EXP	F→B	L→B	NL→B	B_UCTE_IMP	B_III_IMP	B_CENTREL_IMP	B_UCTE_SLD	B_III_SLD	B_CENTREL_SLD	Balance		
																Export (-)	Import (+)	
I.96	141	130	215	486	0	0	413	0	339	752	0	0	266	0	0			
II.96	161	94	239	494	0	0	292	0	348	640	0	0	146	0	0			
III.96	224	134	258	616	0	0	316	0	386	702	0	0	86	0	0			
IV.96	119	120	292	531	0	0	434	0	360	794	0	0	263	0	0			
V.96	72	111	201	384	0	0	406	0	334	740	0	0	356	0	0			
VI.96	103	110	256	469	0	0	448	0	323	771	0	0	302	0	0			
VII.96	130	115	246	491	0	0	502	0	317	819	0	0	328	0	0			
VIII.96	44	63	359	466	0	0	687	0	226	913	0	0	447	0	0			
IX.96	70	116	316	502	0	0	568	0	271	839	0	0	337	0	0			
X.96	34	130	168	332	0	0	518	0	322	840	0	0	508	0	0			
XI.96	82	128	185	395	0	0	503	0	396	899	0	0	504	0	0			
XII.96	94	125	64	283	0	0	371	0	515	886	0	0	603	0	0			
1996	1274	1376	2799	5449	0	0	5458	0	4137	9595	0	0	4146	0	0			
I.00	82	164	328	574	0	0	350	0	304	654	0	0	80	0	0			
II.00	17	184	183	384	0	0	486	0	380	866	0	0	482	0	0			
III.00	19	198	386	603	0	0	600	0	265	865	0	0	262	0	0			
IV.00	10	169	351	530	0	0	628	0	272	900	0	0	370	0	0			
V.00	10	179	469	658	0	0	925	0	194	1119	0	0	461	0	0			
VI.00	16	172	412	600	0	0	732	0	244	976	0	0	376	0	0			
VII.00	10	177	390	577	0	0	714	0	265	979	0	0	402	0	0			
VIII.00	5	100	617	722	0	0	833	0	213	1046	0	0	324	0	0			
IX.00	9	111	600	720	0	0	729	0	154	883	0	0	163	0	0			
X.00	4	157	432	593	0	0	759	0	246	1005	0	0	412	0	0			
XI.00	13	186	472	671	0	0	762	0	284	1046	0	0	375	0	0			
XII.00	6	170	510	686	0	0	875	0	311	1186	0	0	500	0	0			
2000	201	1967	5150	7318	0	0	8393	0	3132	11525	0	0	4207	0	0			
I.01	14	175	260	449	0	0	861	0	428	1289	0	0	840	0	0			
II.01	10	161	138	309	0	0	713	0	488	1201	0	0	892	0	0			
III.01	4	188	85	277	0	0	848	0	620	1468	0	0	1191	0	0			
IV.01	0	164	147	311	0	0	1074	0	441	1515	0	0	1204	0	0			
V.01	0	177	411	588	0	0	1069	0	369	1438	0	0	850	0	0			
VI.01	0	172	419	591	0	0	1032	0	191	1223	0	0	632	0	0			
VII.01	4	169	515	688	0	0	1134	0	92	1226	0	0	538	0	0			
VIII.01	1	110	764	875	0	0	1258	0	78	1336	0	0	461	0	0			
IX.01	2	166	460	628	0	0	1060	60	162	1282	0	0	654	0	0			
X.01	5	190	569	764	0	0	1036	36	177	1249	0	0	485	0	0			
XI.01	47	173	459	679	0	0	876	151	248	1275	0	0	596	0	0			
XII.01	118	162	260	540	0	0	554	135	508	1197	0	0	657	0	0			
2001	205	2007	4487	6699	0	0	11515	382	3802	15699	0	0	9000	0	0			

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".

DEUTSCHLAND

Monthly values Operation

				I-XII
Thermal conventional net production	GWh	Σ	1996	306127
			2000	314105
			2001	316901
Thermal nuclear net production	GWh	Σ	1996	151908
			2000	158887
			2001	161154
Hydraulic net production	GWh	Σ	1996	19084
			2000	23596
			2001	23403
Total net electrical energy production	GWh	Σ	1996 ²	477119
			2000 ²	496588
			2001 ²	501458
Total physical import / export balance ¹	GWh	Σ	1996	-5441
			2000	3154
			2001	60
Consumption of pumps	GWh	Σ	1996	5568
			2000	5789
			2001	6133
National electrical consumption	GWh	Σ	1996	466110
			2000	493953
			2001	495385
National electrical consumption as percentage of total values	%Ø pond.		1996	92
			2000	93
			2001	93
Energy capability factor (hydro power)	Ø pond.		1996	0,97
			2000	1,23
			2001	1,21
Consumption load at 3:00 a.m. on the 3 rd Wednesday	MW max.		1996	55068
			2000	53010
			2001	53500
Consumption load at 11:00 a.m. on the 3 rd Wednesday	MW max.		1996	70701
			2000	72500
			2001	73200
Peak load on the 3 rd Wednesday	MW max.		1996	70992
			2000	74300
			2001	75000
Power produced in parallel operation on the 3 rd Wednesday at 11:00 a.m.	MW max.		1996	80800
			2000	79400
			2001	80200

¹Terminology 2.15, see also note Physical energy exchange in interconnected operation

²Including deliveries from industry

Monthly values
Operation

DEUTSCHLAND

I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
30055	30043	30193	24670	23532	21786	21795	21171	23194	25709	26001	27978
31041	28967	29986	25223	23034	22248	23411	23490	24424	25989	27910	28382
31956	28078	29572	26431	25028	21758	22170	21354	22965	27229	30204	30156
14129	11956	12287	11876	11581	11289	11846	12325	12489	12953	14188	14989
14903	13104	12486	12062	13011	11588	13017	12242	13602	14324	13911	14637
14911	13287	14411	13057	12399	12240	12811	13780	13752	12722	12702	15082
1431	1141	1304	1442	1766	1672	1774	1692	1667	1744	1722	1729
2021	2031	2278	2180	2346	1917	1995	1924	1783	1859	1642	1620
2054	1811	2072	2348	2435	2056	1944	1857	2069	1647	1454	1656
45615	43140	43784	37988	36879	34747	35415	35188	37350	40406	41911	44696
47965	44102	44750	39465	38391	35753	38423	37656	39809	42172	43463	44639
48921	43176	46055	41836	39862	36054	36925	36991	38786	41598	44360	46894
-186	-330	-935	-778	-248	-544	-340	-275	-341	-162	-397	-905
-1541	-698	350	214	1757	1303	16	61	132	734	690	136
-930	-1103	-478	-711	786	375	1018	877	537	727	504	-1542
432	381	422	436	505	462	478	492	514	511	472	463
492	450	482	470	488	460	461	517	500	464	500	505
539	454	514	487	516	509	521	545	548	480	482	538
44997	42429	42427	36774	36126	33741	34597	34421	36495	39733	41042	43328
45932	42954	44618	39209	39660	36596	37978	37200	39441	42442	43653	44270
47452	41619	45063	40638	40132	35920	37422	37323	38775	41845	44382	44814
92	92	92	92	92	92	92	92	92	92	92	92
93	93	93	93	93	93	93	93	93	93	93	93
93	93	93	93	93	93	93	93	93	93	93	93
0,96	0,71	0,75	0,77	0,92	0,83	0,98	0,92	1,16	1,27	1,32	1,19
1,50	1,53	1,47	1,24	1,20	0,99	1,09	1,07	1,17	1,37	1,22	1,10
1,50	1,33	1,29	1,36	1,25	1,06	1,03	1,01	1,38	1,18	1,06	1,11
52757	55068	49793	43566	39782	36056	34553	35428	39256	40003	47762	49026
48930	52590	49530	44360	39520	39880	39200	37200	40000	46000	53010	51930
49400	53100	50000	44800	39900	40300	39600	37600	40400	46500	53500	52400
70701	68220	66151	63398	63975	61825	58251	61045	64001	66760	68095	69915
68120	69140	67430	67940	63680	65130	60660	60900	63700	67400	71474	72500
68800	69800	68100	68600	64300	65800	61300	61500	64300	68100	71600	73200
70992	70067	66151	63483	64725	62749	59310	61808	64837	67576	69334	70781
69740	71060	69750	68400	64650	66100	62090	61100	64400	67500	72500	74300
70400	71800	70400	69100	65300	66800	62700	61700	65000	68200	73200	75000
80400	78000	76000	73500	72700	70600	66000	69300	72900	75400	78200	80800
74900	76000	74100	74700	70000	72600	66700	62700	68500	72400	78500	79400
75600	76800	74800	75400	70700	73300	67400	63300	69200	73100	79300	80200

			I-XII	
Thermal conventional net production	GWh	Σ	1996 2000 2001	61574 104592 101861
Thermal nuclear net production	GWh	Σ	1996 2000 2001	54112 59530 60985
Hydraulic net production	GWh	Σ	1996 2000 2001	41020 31355 43313
Total net electrical energy production	GWh	Σ	1996 ² 2000 ² 2001 ²	156706 195477 206159
Total physical import / export balance ¹	GWh	Σ	1996 2000 2001	1061 4441 3459
Consumption of pumps	GWh	Σ	1996 2000 2001	1522 4908 4132
National electrical consumption	GWh	Σ	1996 2000 2001	156245 195010 205486
National electrical consumption as percentage of total values	%Ø pond.		1996 2000 2001	94 94 94
Energy capability factor (hydro power)	Ø pond.		1996 2000 2001	1,30 0,90 -
Consumption load at 3:00 a.m. on the 3 rd Wednesday	MW max.		1996 2000 2001	16353 21476 23643
Consumption load at 11:00 a.m. on the 3 rd Wednesday	MW max.		1996 2000 2001	23400 29451 33500
Peak load on the 3 rd Wednesday	MW max.		1996 2000 2001	24906 32430 38170
Power produced in parallel operation on the 3 rd Wednesday at 11:00 a.m.	MW max.		1996 2000 2001	24445 29209 33015

¹Terminology 2.15, see also note Physical energy exchange in interconnected operation

²Including deliveries from industry

Monthly values
Operation

ESPAÑA

I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
3101	3465	4951	3516	3292	5774	7204	6669	6553	6323	6436	4290
9712	8606	9554	8127	6833	8416	9304	8735	9864	9478	8971	6992
6584	5922	6061	6119	7219	8974	9783	9295	10111	10151	10264	11378
5196	4737	4831	4446	5117	3774	3664	3673	3886	4866	4596	5326
5459	5121	4959	4468	4874	5232	5359	5001	4031	4408	5065	5553
5502	4781	4682	4579	5513	5104	5433	5309	4702	4738	5174	5468
6338	5746	3692	3831	3953	3016	2383	1616	1841	1859	2318	4427
2850	1860	1794	2602	3793	2601	1976	1932	2023	1997	2822	5105
6781	6076	6971	4590	3597	2764	2301	2155	1763	2037	2270	2008
14635	13948	13474	11793	12362	12564	13251	11958	12280	13048	13350	14043
18021	15587	16307	15197	15500	16249	16639	15668	15918	15883	16858	17650
18867	16779	17714	15288	16329	16842	17517	16759	16576	16926	17708	18854
-23	-229	96	235	175	297	338	289	54	-123	-16	-32
196	416	422	519	684	174	259	209	341	444	516	261
-38	22	-84	447	579	504	431	282	283	140	403	490
761	190	30	34	44	73	66	12	23	39	70	180
369	313	346	514	618	330	323	246	257	363	452	777
539	307	387	201	215	259	303	292	369	364	336	560
13851	13529	13540	11994	12493	12788	13523	12235	12311	12886	13264	13831
17848	15690	16383	15202	15566	16093	16575	15631	16002	15964	16922	17134
18290	16494	17243	15534	16693	17087	17645	16749	16490	16702	17775	18784
94	94	94	94	94	94	94	94	94	94	94	94
94	94	94	94	94	94	94	94	94	94	94	94
94	94	94	94	94	94	94	94	94	94	94	94
2,33	1,21	0,93	1,12	1,28	0,87	0,83	1,12	1,00	0,62	0,97	1,90
0,44	0,27	0,27	1,35	1,43	0,66	0,43	0,42	0,59	0,60	1,59	2,17
-	-	-	-	-	-	-	-	-	-	-	-
15167	15949	14955	14210	14057	15361	15222	13762	14366	14614	16353	16022
20700	19470	18263	18887	17393	18990	19459	17138	18266	18673	20888	21476
21958	20614	19431	18921	18588	20417	19374	19033	19199	18733	22251	23643
21960	23400	21253	20112	18633	21277	21461	18269	20270	20104	22516	22477
29063	26346	25028	24446	24801	27030	27122	23316	25257	25491	28134	29451
29770	28653	26830	26393	26499	28175	27771	19534	27170	26166	30958	33500
23230	24906	22226	20352	18949	22774	22360	18843	20670	21678	24434	23944
31117	27550	27550	24793	25084	28037	28522	25224	25803	27494	30129	32430
30984	29749	27930	27164	27128	29725	29019	27972	28540	28770	38170	35186
21824	24445	21092	19985	18832	21270	21523	18116	20638	20196	22372	22135
29006	25613	25613	24793	23951	27430	27452	24342	24893	25239	27231	29209
29932	28438	26628	26504	26499	27290	26921	26289	27054	26131	30055	33015

Physical exchanges in interconnected operation¹

MM_Y Y	E→F	E→P	E→MA	Export (-)			Import (+)						Balance		
				E_UCTE_EXP	E_III_EXP	E_CENTREL_EXP	F→E	P→E	MA→E	E_UCTE_IMP	E_III_IMP	E_CENTREL_IMP	E_UCTE_SLD	E_III_SLD	E_CENTREL_SLD
I.96	207	272	0	479	0	0	186	304	0	490	0	0	11	0	0
II.96	329	253	0	582	0	0	107	263	0	370	0	0	-212	0	0
III.96	173	209	0	382	0	0	295	216	0	511	0	0	129	0	0
IV.96	84	200	0	284	0	0	325	206	0	531	0	0	247	0	0
V.96	101	165	0	266	0	0	273	179	0	452	0	0	186	0	0
VI.96	295	293	0	588	0	0	375	304	0	679	0	0	91	0	0
VII.96	77	392	0	469	0	0	416	400	0	816	0	0	347	0	0
VIII.96	58	380	0	438	0	0	354	391	0	745	0	0	307	0	0
IX.96	65	434	0	499	0	0	343	234	0	577	0	0	78	0	0
X.96	85	526	0	611	0	0	393	114	0	507	0	0	-104	0	0
XI.96	78	503	0	581	0	0	401	183	0	584	0	0	3	0	0
XII.96	112	403	0	515	0	0	295	211	0	506	0	0	-9	0	0
1996	1664	4030	0	5694	0	0	3763	3005	0	6768	0	0	1074	0	0
I.00	137	326	196	463	196	0	516	380	0	896	0	0	433	-196	0
II.00	57	267	218	324	218	0	685	312	0	997	0	0	673	-218	0
III.00	37	390	228	427	228	0	833	286	0	1119	0	0	692	-228	0
IV.00	35	327	218	362	218	0	765	359	0	1124	0	0	762	-218	0
V.00	9	330	215	339	215	0	823	423	0	1246	0	0	907	-215	0
VI.00	9	455	201	464	201	0	678	207	0	885	0	0	421	-201	0
VII.00	38	479	154	517	154	0	677	260	0	937	0	0	420	-154	0
VIII.00	53	522	163	575	163	0	726	247	0	973	0	0	398	-163	0
IX.00	50	425	164	475	164	0	726	267	0	993	0	0	518	-164	0
X.00	52	363	185	415	185	0	744	333	0	1077	0	0	662	-185	0
XI.00	53	419	154	472	154	0	810	358	0	1168	0	0	696	-154	0
XII.00	57	294	165	351	165	0	496	333	0	829	0	0	478	-165	0
2000	587	4597	2261	5184	2261	0	8479	3765	0	12244	0	0	7060	-2261	0
I.01	186	225	160	411	160	0	284	302	0	586	0	0	175	-160	0
II.01	159	200	158	359	158	0	344	240	0	584	0	0	225	-158	0
III.01	220	200	132	420	132	0	275	227	0	502	0	0	82	-132	0
IV.01	118	178	132	296	132	0	467	436	0	903	0	0	607	-132	0
V.01	34	235	120	269	120	0	696	281	0	977	0	0	708	-120	0
VI.01	37	329	122	366	122	0	678	323	0	1001	0	0	635	-122	0
VII.01	44	427	146	471	146	0	705	353	0	1058	0	0	587	-146	0
VIII.01	56	355	150	411	150	0	713	139	0	852	0	0	441	-150	0
IX.01	46	471	114	517	114	0	671	261	0	932	0	0	415	-114	0
X.01	60	362	150	422	150	0	442	308	0	750	0	0	328	-150	0
XI.01	81	318	126	399	126	0	692	282	0	974	0	0	575	-126	0
XII.01	133	329	67	462	67	0	752	327	0	1079	0	0	617	-67	0
2001	1174	3629	1577	4803	1577	0	6719	3479	0	10198	0	0	5395	-1577	0

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 operation¹

MM_VY	F→B	F→CH	F→D	F→E	F→GB	F→I	F_UCTE_EXP	F_III_EXP	F_CENTREL_EXP	B→F	CH→F	D→F	E→F	GB→F	I→F	F_UCTE_IMP	F_III_IMP	F_CENTREL_IMP	F_UCTE_SLD	F_III_SLD	F_CENTREL_SLD	Balance	
																						Export (-)	Import (+)
I.96	413	1150	1639	186	1467	1651	5039	1467	0	141	4	0	207	0	16	368	0	0	-4671	-1467	0		
II.96	292	983	1545	107	1319	1535	4462	1319	0	161	33	0	329	0	22	545	0	0	-3917	-1319	0		
III.96	316	1182	1587	295	1406	1529	4909	1406	0	224	32	0	173	3	22	451	3	0	-4458	-1403	0		
IV.96	434	979	1365	325	1430	1380	4483	1430	0	119	0	0	84	0	14	217	0	0	-4266	-1430	0		
V.96	406	823	1124	273	1434	1549	4175	1434	0	72	3	9	101	0	14	199	0	0	-3976	-1434	0		
VI.96	448	608	1255	375	1400	1471	4157	1400	0	103	13	1	295	0	28	440	0	0	-3717	-1400	0		
VII.96	502	686	1251	416	1467	1375	4230	1467	0	130	8	0	77	0	17	232	0	0	-3998	-1467	0		
VIII.96	687	839	1268	354	1474	1124	4272	1474	0	44	4	1	58	0	27	134	0	0	-4138	-1474	0		
IX.96	568	923	1340	343	1111	1426	4600	1111	0	70	5	0	65	0	22	162	0	0	-4438	-1111	0		
X.96	518	979	1481	393	1334	1623	4994	1334	0	34	7	0	85	0	16	142	0	0	-4852	-1334	0		
XI.96	503	1001	1424	401	1366	1491	4820	1366	0	82	6	0	78	0	7	173	0	0	-4647	-1366	0		
XII.96	371	879	1404	295	1418	1637	4586	1418	0	94	22	21	112	0	23	272	0	0	-4314	-1418	0		
1996	5458	11032	16683	3763	16626	17791	54727	16626	0	1274	137	32	1664	3	228	3335	3	0	-51392	-16623	0		
I.00	350	881	847	516	862	1190	3784	862	0	82	274	114	137	0	44	651	0	0	-3133	-862	0		
II.00	486	902	984	685	1133	1228	4285	1133	0	17	109	30	57	0	34	247	0	0	-4038	-1133	0		
III.00	600	1025	1366	833	1251	1330	5154	1251	0	19	115	2	37	0	44	217	0	0	-4937	-1251	0		
IV.00	628	815	1265	765	1099	1105	4578	1099	0	10	84	5	35	0	49	183	0	0	-4395	-1099	0		
V.00	925	531	1249	823	1456	1402	4930	1456	0	10	87	25	9	0	28	159	0	0	-4771	-1456	0		
VI.00	732	427	1500	678	1251	1524	4861	1251	0	16	61	3	9	0	32	121	0	0	-4740	-1251	0		
VII.00	714	682	1291	677	1246	1454	4818	1246	0	10	68	1	38	0	32	149	0	0	-4669	-1246	0		
VIII.00	833	705	1674	726	1367	953	4891	1367	0	5	110	7	53	0	39	214	0	0	-4677	-1367	0		
IX.00	729	684	1408	726	1203	1389	4936	1203	0	9	287	3	50	0	22	371	0	0	-4565	-1203	0		
X.00	759	721	1240	744	1124	1371	4835	1124	0	4	255	9	52	0	18	338	0	0	-4497	-1124	0		
XI.00	762	858	1146	810	1176	1575	5151	1176	0	13	129	10	53	0	22	227	0	0	-4924	-1176	0		
XII.00	875	1126	1231	496	1194	1621	5349	1194	0	6	73	17	57	0	29	182	0	0	-5167	-1194	0		
2000	8393	9357	15201	8479	14362	16142	57572	14362	0	201	1652	226	587	0	393	3059	0	0	-54513	-14362	0		
I.01	861	1075	1004	284	1118	1706	4930	1118	0	14	108	24	186	0	29	361	0	0	-4569	-1118	0		
II.01	713	853	644	344	934	1516	4070	934	0	10	137	29	159	0	29	364	0	0	-3706	-934	0		
III.01	848	1026	1006	275	1149	1811	4966	1149	0	4	59	11	220	0	29	323	0	0	-4643	-1149	0		
IV.01	1074	758	812	467	827	1672	4783	827	0	0	42	25	118	0	31	216	0	0	-4567	-827	0		
V.01	1069	470	905	696	924	1405	4545	924	0	0	123	24	34	0	44	225	0	0	-4320	-924	0		
VI.01	1032	462	1033	678	888	1404	4609	888	0	0	97	7	37	1	31	172	1	0	-4437	-887	0		
VII.01	1134	597	1552	705	1034	1586	5574	1034	0	4	91	32	44	0	32	203	0	0	-5371	-1034	0		
VIII.01	1258	391	1519	713	1075	1129	5010	1075	0	1	302	32	56	0	60	451	0	0	-4559	-1075	0		
IX.01	1060	628	1476	671	719	1329	5164	719	0	2	172	2	46	0	21	243	0	0	-4921	-719	0		
X.01	1036	1016	2098	442	1039	1674	6266	1039	0	5	46	0	60	0	13	124	0	0	-6142	-1039	0		
XI.01	876	1073	1507	692	583	1612	5760	583	0	47	109	1	81	58	29	267	58	0	-5493	-525	0		
XII.01	554	981	1019	752	537	1354	4660	537	0	118	320	42	133	144	77	690	144	0	-3970	-393	0		
2001	11515	9330	14575	6719	10827	18198	60337	10827	0	205	1606	229	1174	203	425	3639	203	0	-56698	-10624	0		

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

FRANCE

Monthly values Operation

			I-XII	
Thermal conventional net production	GWh	Σ	1996	37801
			2000	41181
			2001	35629
Thermal nuclear net production	GWh	Σ	1996	378215
			2000	395198
			2001	401280
Hydraulic net production	GWh	Σ	1996	65641
			2000	67619
			2001	74872
Total net electrical energy production	GWh	Σ	1996	481657
			2000	503998
			2001	511781
Total physical import / export balance ¹	GWh	Σ	1996	-69118
			2000	-69923
			2001	-68901
Consumption of pumps	GWh	Σ	1996	5836
			2000	6604
			2001	5840
National electrical consumption	GWh	Σ	1996	406703
			2000	427471
			2001	437040
National electrical consumption as percentage of total values	%Ø pond.		1996	99
			2000	97
			2001	97
Energy capability factor (hydro power)	Ø pond.		1996	0,98
			2000	0,99
			2001	1,05
Consumption load at 3:00 a.m. on the 3 rd Wednesday	MW max.		1996	58226
			2000	54084
			2001	65278
Consumption load at 11:00 a.m. on the 3 rd Wednesday	MW max.		1996	61950
			2000	63596
			2001	72555
Peak load on the 3 rd Wednesday	MW max.		1996	64493
			2000	66863
			2001	74952
Power produced in parallel operation on the 3 rd Wednesday at 11:00 a.m.	MW max.		1996	71192
			2000	70927
			2001	74967

¹ Terminology 2.15, see also note Physical energy exchange in interconnected operation

Monthly values
Operation

FRANCE

I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
3390	4835	4010	2780	2283	2648	2499	932	2665	3577	3907	4275
6887	5476	3720	3806	1311	2032	2381	1902	2499	3438	3842	3887
3493	3316	3053	2261	1992	2066	1600	1174	1558	2403	5443	7270
36781	34014	34341	31693	28810	26220	28557	28291	29290	32395	33218	34605
36298	33699	35868	32216	30667	29450	31112	30301	31039	33379	34638	36531
38868	33307	33738	31562	28868	28537	31198	30762	32907	35789	37163	38581
6637	6207	5354	4403	6055	5843	5223	4196	3945	4320	5667	7791
5402	5285	5712	5781	7072	5821	4772	4502	4384	5383	7028	6477
7421	6213	8001	8191	8405	6905	6442	4847	4572	4880	4362	4633
46808	45056	43705	38876	37148	34711	36279	33419	35900	40292	42792	46671
48587	44460	45300	41803	39050	37303	38265	36705	37922	42200	45508	46895
49782	42836	44792	42014	39265	37508	39240	36783	39037	43072	46968	50484
-6216	-5383	-5878	-5769	-5477	-5399	-5447	-5682	-5649	-6291	-6082	-5845
-4080	-5232	-6299	-5604	-6282	-6060	-6037	-6133	-5888	-5672	-6186	-6450
-5832	-4777	-5946	-5530	-5395	-5473	-6466	-5786	-5761	-7296	-6179	-4460
477	401	446	508	490	473	482	429	403	586	609	532
565	664	639	584	550	336	367	389	450	656	706	698
655	432	573	481	490	276	253	368	455	696	559	602
40115	39272	37381	32599	31181	28839	30350	27308	29848	33415	36101	40294
43942	38564	38362	35615	32218	30907	31861	30183	31584	35872	38616	39747
43295	37627	38273	36003	33380	31759	32521	30629	32821	35080	40230	45422
99	99	99	99	99	99	99	99	99	99	99	99
97	97	97	97	97	97	97	97	97	97	97	97
97	97	97	97	97	97	97	97	97	97	97	97
1,27	0,87	0,79	0,75	1,04	0,96	0,92	0,99	0,63	0,77	1,33	1,41
0,79	1,02	0,89	0,99	1,16	0,94	0,77	0,85	0,71	1,21	1,46	1,04
1,13	0,83	1,49	1,12	1,32	1,15	1,10	1,02	1,03	0,92	0,60	0,57
48663	58226	46087	40122	40569	36731	37606	32765	36699	39547	49080	48291
54084	49396	45664	46822	38203	39220	39546	33428	38322	43997	48914	48680
57843	54112	47017	48907	39454	39644	39551	35133	42569	40548	55750	65278
61754	61950	55916	51778	52811	48610	49485	43644	49438	53551	61000	58785
63596	61569	54085	57900	51342	52904	51931	45472	52407	58221	61838	60820
66220	60325	57389	60834	53193	52807	53229	38607	57599	55367	64505	72555
63848	64329	56686	51922	52982	48889	49685	44213	49698	53968	64493	61320
66863	64869	56354	58154	51811	53075	52390	49928	52584	58493	61838	64447
68581	61493	57700	61014	53631	53291	54018	41005	57639	55944	68435	74952
71192	70087	64975	60849	60718	56827	57280	52478	57220	63209	70901	68045
68484	69429	63298	66583	62077	62301	61080	55466	61189	66304	70927	70366
74967	68034	67014	68676	61361	60493	64195	48340	65539	66460	72691	74546

			I-XII	
Thermal conventional net production	GWh	Σ	1996	30978
			2000	41130
			2001	41818
Thermal nuclear net production	GWh	Σ	1996	0
			2000	0
			2001	0
Hydraulic net production	GWh	Σ	1996	4482
			2000	4078
			2001	2663
Total net electrical energy production	GWh	Σ	1996 ²	35460
			2000 ²	45208
			2001 ²	44481
Total physical import / export balance ¹	GWh	Σ	1996	1349
			2000	-6
			2001	2501
Consumption of pumps	GWh	Σ	1996	223
			2000	585
			2001	897
National electrical consumption	GWh	Σ	1996	36586
			2000	44617
			2001	46085
National electrical consumption as percentage of total values	%Ø pond.		1996	95
			2000	95
			2001	91
Energy capability factor (hydro power)	Ø pond.		1996	1,23
			2000	0,59
			2001	0,49
Consumption load at 3:00 a.m. on the 3 rd Wednesday	MW max.		1996	4021
			2000	5270
			2001	5627
Consumption load at 11:00 a.m. on the 3 rd Wednesday	MW max.		1996	5963
			2000	6983
			2001	8023
Peak load on the 3 rd Wednesday	MW max.		1996	6503
			2000	7699
			2001	8270
Power produced in parallel operation on the 3 rd Wednesday at 11:00 a.m.	MW max.		1996	6325
			2000	8531
			2001	7414

¹Terminology 2.15, see also note Physical energy exchange in interconnected operation²Including deliveries from industry

Monthly values
Operation

HELLAS

I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
2802	2435	2594	2298	2415	2653	2980	2829	2484	2539	2522	2427
3643	3463	3396	3036	3124	3423	3866	3690	3273	3248	3322	3646
3601	3224	3438	3162	3263	3482	3989	3777	3366	3396	3413	3707
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
303	454	519	290	247	229	395	325	220	290	417	793
621	333	329	246	279	311	526	366	212	231	262	362
168	152	134	127	167	248	392	298	221	165	185	406
3105	2889	3113	2588	2662	2882	3375	3154	2704	2829	2939	3220
4264	3796	3725	3282	3403	3734	4392	4056	3485	3479	3584	4008
3769	3376	3572	3289	3430	3730	4381	4075	3587	3561	3598	4113
176	123	93	115	239	165	170	101	111	87	23	-54
-378	-246	-81	5	70	223	242	132	111	28	-45	-67
196	134	89	51	140	284	312	293	235	243	279	245
22	20	14	19	17	8	2	1	24	33	32	31
7	52	54	48	40	25	33	43	60	68	74	81
83	66	70	61	83	57	40	62	92	99	95	89
3259	2992	3192	2684	2884	3039	3543	3254	2791	2883	2930	3135
3879	3498	3590	3239	3433	3932	4601	4145	3536	3439	3465	3860
3882	3444	3591	3279	3487	3957	4653	4306	3730	3705	3782	4269
95	95	95	95	95	95	95	95	95	95	95	95
95	95	95	95	95	95	95	95	95	95	95	95
91	91	91	91	91	91	91	91	91	91	91	91
0,82	1,45	1,08	1,12	0,86	0,78	0,80	0,98	1,54	1,87	1,89	1,55
0,75	1,11	0,85	0,59	0,48	0,51	0,36	0,37	0,36	0,51	0,25	0,26
0,48	0,55	0,50	0,61	0,45	0,35	0,42	0,48	0,48	0,16	0,26	0,61
3914	3464	3809	3143	2862	3217	4021	3348	2999	2892	3158	3433
4306	4159	3919	3657	3541	4389	5270	4641	4049	3860	3746	4482
4534	4781	3972	4122	3942	4481	5627	4362	4426	4293	4749	4944
5561	4770	5288	4685	4701	5237	5963	5182	4802	4766	4798	5089
6386	5855	5366	5563	5316	6286	6983	5899	5941	5478	5561	6193
6479	6360	5730	5565	5641	6819	8023	5176	6678	6056	6203	7012
5811	5698	5764	4936	5310	6166	6503	6073	5349	5421	5395	5960
6876	6663	6510	5986	6424	7699	7183	7605	6862	6467	6568	7182
6668	6938	6199	5782	5920	6870	8270	5524	6739	6360	6872	7735
5881	3490	3811	3178	5049	5588	6325	5515	5207	5060	5044	5347
6714	6032	5629	5563	6016	6284	8531	6405	6141	6141	5858	6393
6159	6085	5569	5554	5294	6261	7414	4642	6074	5663	5731	6664

Physical exchanges in interconnected operation¹

MM_YY	GR→AL	GR→BG	GR→I	GR→JIEL	GR_UCTE_EXP	GR_III_EXP	GR_CENTREL_EXP	AL→GR	BG→GR	I→GR	JIEL→GR	GR_UCTE_IMP	GR_III_IMP	GR_CENTREL_IMP	GR_UCTE_SLD	GR_III_SLD	GR_CENTREL_SLD
	Export (-)							Import (+)					Balance				
I.96	27	0	0	76	76	27	0	8	128	0	142	142	136	0	66	109	0
II.96	25	0	0	291	291	25	0	5	120	0	315	315	125	0	24	100	0
III.96	33	0	0	108	108	33	0	1	115	0	119	119	116	0	11	83	0
IV.96	12	3	0	4	4	15	0	22	5	0	106	106	27	0	102	12	0
V.96	5	10	0	2	2	15	0	57	68	0	131	131	125	0	129	110	0
VI.96	12	12	0	1	1	24	0	30	51	0	109	109	81	0	108	57	0
VII.96	25	0	0	2	2	25	0	23	10	0	164	164	33	0	162	8	0
VIII.96	35	0	0	5	5	35	0	4	6	0	131	131	10	0	126	-25	0
IX.96	41	3	0	1	1	44	0	2	42	0	112	112	44	0	111	0	0
X.96	51	1	0	128	128	52	0	0	67	0	199	199	67	0	71	15	0
XI.96	47	11	0	124	124	58	0	0	23	0	182	182	23	0	58	-35	0
XII.96	69	35	0	116	116	104	0	0	12	0	155	155	12	0	39	-92	0
1996	382	75	0	858	858	457	0	152	647	0	1865	1865	799	0	1007	342	0
I.00	0	124	0	72	72	124	0	0	5	0	3	3	5	0	-69	-119	0
II.00	154	39	0	78	78	193	0	1	19	0	5	5	20	0	-73	-173	0
III.00	85	9	0	58	58	94	0	2	57	0	12	12	59	0	-46	-35	0
IV.00	24	10	0	38	38	34	0	7	57	0	13	13	64	0	-25	30	0
V.00	16	4	0	18	18	20	0	23	55	0	30	30	78	0	12	58	0
VI.00	37	0	0	0	0	37	0	14	107	0	139	139	121	0	139	84	0
VII.00	47	0	0	0	0	47	0	2	142	0	145	145	144	0	145	97	0
VIII.00	139	0	0	1	1	139	0	0	147	0	125	125	147	0	124	8	0
IX.00	136	0	0	9	9	136	0	0	179	0	77	77	179	0	68	43	0
X.00	67	4	0	36	36	71	0	0	102	0	33	33	102	0	-3	31	0
XI.00	87	10	0	36	36	97	0	0	70	0	19	19	70	0	-17	-27	0
XII.00	130	2	0	76	76	132	0	0	125	0	16	16	125	0	-60	-7	0
2000	922	202	0	422	422	1124	0	49	1065	0	617	617	1114	0	195	-10	0
I.01	98	0	0	9	9	98	0	0	249	0	54	54	249	0	45	151	0
II.01	106	0	0	18	18	106	0	0	229	0	29	29	229	0	11	123	0
III.01	77	1	0	5	5	78	0	0	61	0	111	111	61	0	106	-17	0
IV.01	88	2	0	2	2	90	0	0	59	0	84	84	59	0	82	-31	0
V.01	60	0	0	1	1	60	0	1	82	0	119	119	83	0	118	23	0
VI.01	27	0	0	0	0	27	0	6	143	0	164	164	149	0	164	122	0
VII.01	50	0	0	1	1	50	0	1	225	0	138	138	226	0	137	176	0
VIII.01	109	0	0	5	5	109	0	0	337	0	71	71	337	0	66	228	0
IX.01	76	0	0	6	6	76	0	1	193	0	123	123	194	0	117	118	0
X.01	94	0	6	1	7	94	0	0	236	14	96	110	236	0	103	142	0
XI.01	92	0	0	2	2	92	0	0	291	0	82	82	291	0	80	199	0
XII.01	120	0	0	5	5	120	0	0	303	0	68	68	303	0	63	183	0
2001	997	3	6	55	61	1000	0	9	2408	14	1139	1153	2417	0	1092	1417	0

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 operation¹

MM_YY	I→A	I→CH	I→F	I→GR	I→SLO	I_UCTE_EXP	I_III_EXP	I_CENTREL_EXP	A→I	CH→I	F→I	GR→I	SLO→I	I_UCTE_IMP	I_III_IMP	I_CENTREL_IMP	I_UCTE_SLD	I_III_SLD	I_CENTREL_SLD	
	Export (-)									Import (+)									Balance	
I.96	0	0	16	0	55	71	0	0	116	1301	1651	0	127	3195	0	0	3124	0	0	
II.96	0	4	22	0	77	103	0	0	98	1271	1535	0	64	2968	0	0	2865	0	0	
III.96	0	4	22	0	63	89	0	0	98	1409	1529	0	58	3094	0	0	3005	0	0	
IV.96	0	0	14	0	25	39	0	0	128	1500	1380	0	151	3159	0	0	3120	0	0	
V.96	0	0	14	0	17	31	0	0	131	1681	1549	0	147	3508	0	0	3477	0	0	
VI.96	0	2	28	0	46	76	0	0	137	1756	1471	0	71	3435	0	0	3359	0	0	
VII.96	0	2	17	0	57	76	0	0	149	1789	1375	0	78	3391	0	0	3315	0	0	
VIII.96	0	0	27	0	65	92	0	0	75	1114	1124	0	48	2361	0	0	2269	0	0	
IX.96	0	1	22	0	41	64	0	0	133	1489	1426	0	89	3137	0	0	3073	0	0	
X.96	0	4	16	0	10	30	0	0	116	1268	1623	0	212	3219	0	0	3189	0	0	
XI.96	0	1	7	0	17	25	0	0	116	1442	1491	0	222	3271	0	0	3246	0	0	
XII.96	0	2	23	0	34	59	0	0	126	1451	1637	0	181	3395	0	0	3336	0	0	
1996	0	20	228	0	507	755	0	0	1423	17471	17791	0	1448	38133	0	0	37378	0	0	
I.00	0	0	44	0	1	45	0	0	171	1760	1190	0	415	3536	0	0	3491	0	0	
II.00	0	0	34	0	0	34	0	0	158	1757	1228	0	409	3552	0	0	3518	0	0	
III.00	0	1	44	0	0	45	0	0	172	1962	1330	0	411	3875	0	0	3830	0	0	
IV.00	0	0	49	0	0	49	0	0	158	1766	1105	0	556	3585	0	0	3536	0	0	
V.00	0	1	28	0	7	36	0	0	186	1926	1402	0	379	3893	0	0	3857	0	0	
VI.00	0	3	32	0	21	56	0	0	176	1896	1524	0	219	3815	0	0	3759	0	0	
VII.00	0	0	32	0	8	40	0	0	178	1949	1454	0	264	3845	0	0	3805	0	0	
VIII.00	0	2	39	0	21	62	0	0	103	1275	953	0	114	2445	0	0	2383	0	0	
IX.00	0	3	22	0	7	32	0	0	129	1849	1389	0	209	3576	0	0	3544	0	0	
X.00	0	0	18	0	8	26	0	0	182	2295	1371	0	420	4268	0	0	4242	0	0	
XI.00	0	0	22	0	0	22	0	0	169	1924	1575	0	524	4192	0	0	4170	0	0	
XII.00	0	0	29	0	0	29	0	0	164	1976	1621	0	589	4350	0	0	4321	0	0	
2000	0	10	393	0	73	476	0	0	1946	22335	16142	0	4509	44932	0	0	44456	0	0	
I.01	0	0	29	0	0	29	0	0	166	2032	1706	0	546	4450	0	0	4421	0	0	
II.01	0	0	29	0	0	29	0	0	136	1800	1516	0	540	3992	0	0	3963	0	0	
III.01	0	0	29	0	0	29	0	0	145	1874	1811	0	622	4452	0	0	4423	0	0	
IV.01	0	0	31	0	0	31	0	0	162	1841	1672	0	591	4266	0	0	4235	0	0	
V.01	0	0	44	0	0	44	0	0	169	1933	1405	0	455	3962	0	0	3918	0	0	
VI.01	0	2	31	0	7	40	0	0	165	1920	1404	0	308	3797	0	0	3757	0	0	
VII.01	0	2	32	0	17	51	0	0	165	1882	1586	0	246	3879	0	0	3828	0	0	
VIII.01	0	31	60	0	23	114	0	0	73	1136	1129	0	109	2447	0	0	2333	0	0	
IX.01	0	7	21	0	3	31	0	0	165	2166	1329	0	338	3998	0	0	3967	0	0	
X.01	0	0	13	14	7	34	0	0	178	2457	1674	6	367	4682	0	0	4648	0	0	
XI.01	0	0	29	0	8	37	0	0	164	2323	1612	0	428	4527	0	0	4490	0	0	
XII.01	0	0	77	0	1	78	0	0	175	2462	1354	0	583	4574	0	0	4496	0	0	
2001	0	42	425	14	66	547	0	0	1863	23826	18198	6	5133	49026	0	0	48479	0	0	

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 conventional net production	GWh	Σ	1996	184534
			2000	212112
			2001	212223
Thermal nuclear net production	GWh	Σ	1996	0
			2000	0
			2001	0
Hydraulic net production	GWh	Σ	1996	46080
			2000	50314
			2001	54209
Total net electrical energy production	GWh	Σ	1996	230614
			2000	262426
			2001	266432
Total physical import / export balance ¹	GWh	Σ	1996	37389
			2000	44457
			2001	48479
Consumption of pumps	GWh	Σ	1996	6844
			2000	9177
			2001	9430
National electrical consumption	GWh	Σ	1996	261159
			2000	297706
			2001	305481
National electrical consumption as percentage of total values	%Ø pond.		1996	100
			2000	100
			2001	100
Energy capability factor (hydro power)	Ø pond.		1996	0,98
			2000	1,00
			2001	1,07
Consumption load at 3:00 a.m. on the 3 rd Wednesday	MW max.		1996	24183
			2000	28591
			2001	29678
Consumption load at 11:00 a.m. on the 3 rd Wednesday	MW max.		1996	40727
			2000	46893
			2001	49051
Peak load on the 3 rd Wednesday	MW max.		1996	42064
			2000	49019
			2001	51277
Power produced in parallel operation on the 3 rd Wednesday at 11:00 a.m.	MW max.		1996	36900
			2000	42305
			2001	44804

¹ Terminology 2.15, see also note Physical energy exchange in interconnected operation

Monthly values
Operation

ITALIA

I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
17287	16871	17666	14764	14172	14448	15464	12762	15476	15918	14949	14757
18992	18868	19644	16440	16227	17268	18467	16357	18980	17262	16683	16924
18452	17402	17973	15798	16240	16407	17971	16528	18037	18558	18904	19953
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
3329	3100	3186	3324	4574	4535	4408	3591	3335	4113	4329	4256
3609	2979	2938	3858	5488	4978	4410	3833	3465	4720	5412	4624
4573	3747	4573	4452	6108	6083	6214	4697	3601	3963	3362	2836
20616	19971	20852	18088	18746	18983	19872	16353	18811	20031	19278	19013
22601	21847	22582	20298	21715	22246	22877	20190	22445	21982	22095	21548
23025	21149	22546	20250	22348	22490	24185	21225	21638	22521	22266	22789
3124	2866	3005	3121	3478	3363	3318	2267	3075	3192	3245	3335
3491	3518	3830	3537	3857	3759	3805	2383	3544	4242	4170	4321
4421	3963	4423	4235	3918	3757	3828	2333	3967	4648	4490	4496
681	571	792	634	455	593	463	425	465	600	638	527
861	708	805	750	825	684	690	674	739	765	810	866
925	756	790	805	832	717	745	717	631	784	818	910
23059	22266	23065	20575	21769	21753	22727	18195	21421	22623	21885	21821
25231	24657	25607	23085	24747	25321	25992	21899	25250	25459	25455	25003
26521	24356	26179	23680	25434	25530	27268	22841	24974	26385	25938	26375
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
1,02	0,93	0,80	0,81	0,96	0,84	0,83	0,94	0,79	1,31	1,45	1,37
0,87	0,78	0,77	1,03	1,06	0,81	0,73	0,95	0,78	1,50	1,65	1,35
1,52	1,14	1,35	1,06	1,25	1,07	1,08	1,09	0,79	0,81	0,64	1,04
22420	22577	22561	22005	22003	23696	24183	18911	22647	22380	21924	22589
26748	26562	26573	26698	27168	28173	28258	20097	28591	26950	27707	27620
28137	27950	27093	26577	27404	28141	29678	21061	27715	27889	28097	28759
40097	40727	39053	37122	36540	39369	40576	28297	38704	38657	39453	40009
44758	45136	43083	43127	42448	45322	44708	29332	45781	42896	44978	46893
48147	45988	44067	44201	43824	44542	47416	25013	43867	44291	46449	49051
41885	41044	39857	38049	37155	39455	40793	28660	38924	38982	40716	42064
46427	45481	43572	43645	42635	45322	44708	30966	45781	43427	47212	49019
49129	46634	44506	44505	44076	44779	47416	27915	44111	44949	49270	51277
36900	35600	35000	32637	31650	34007	35666	24879	33547	33605	34837	36412
40666	39492	37503	37755	36362	39265	38734	26503	40380	36874	40284	42305
42239	39624	37724	37577	37912	38318	41489	24494	37567	37706	42003	44804

			I-XII	
Thermal conventional net production	GWh	Σ	1996 2000 2001	n.a. 4474 4234
Thermal nuclear net production	GWh	Σ	1996 2000 2001	n.a. 4542 5079
Hydraulic net production	GWh	Σ	1996 2000 2001	n.a. 3513 3270
Total net electrical energy production	GWh	Σ	1996 2000 2001	n.a. 12529 12583
Total physical import / export balance ¹	GWh	Σ	1996 2000 2001	n.a. -1349 -1792
Consumption of pumps	GWh	Σ	1996 2000 2001	n.a. 0 0
National electrical consumption	GWh	Σ	1996 2000 2001	n.a. 11180 10791
National electrical consumption as percentage of total values	%∅ pond.		1996 2000 2001	n.a. 95 95
Energy capability factor (hydro power)	∅ pond.		1996 2000 2001	n.a. 0,82 0,92
Consumption load at 3:00 a.m. on the 3 rd Wednesday	MW max.		1996 2000 2001	n.a. 1070 1142
Consumption load at 11:00 a.m. on the 3 rd Wednesday	MW max.		1996 2000 2001	n.a. 1576 1713
Peak load on the 3 rd Wednesday	MW max.		1996 2000 2001	n.a. 1698 1789
Power produced in parallel operation on the 3 rd Wednesday at 11:00 a.m.	MW max.		1996 2000 2001	n.a. 1919 1888

¹ Terminology 2.15, see also note Physical energy exchange in interconnected operation

Monthly values
Operation

SLOVENIJA

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.
433	379	421	352	828	370	255	254	371	245	237	329
262	343	392	384	400	215	261	288	300	403	475	511
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
457	432	460	199	0	165	479	438	416	500	489	507
506	455	503	428	95	214	483	447	477	503	488	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.
160	145	183	298	385	305	310	288	192	390	455	402
369	248	332	328	449	212	332	219	258	229	170	124
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
1050	956	1064	849	1213	840	1044	980	979	1135	1181	1238
1137	1046	1227	1140	944	641	1076	954	1035	1135	1133	1115
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
-61	-68	-117	-24	31	39	-189	-142	-84	-210	-239	-285
-152	-175	-259	-259	-47	-72	-179	-85	-139	-182	-154	-89
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.
989	888	947	825	1244	879	855	838	895	925	942	953
985	871	968	881	897	569	897	869	896	953	979	1026
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
95	95	95	95	95	95	95	95	95	95	95	95
95	95	95	95	95	95	95	95	95	95	95	95
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
0,90	0,97	0,83	1,02	0,99	0,74	0,80	0,85	0,68	1,36	1,49	0,38
0,45	0,31	0,83	1,12	1,02	0,84	0,92	1,09	1,10	0,90	0,83	1,49
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
1055	0	1013	964	980	996	928	828	1002	991	967	1070
1090	1042	1019	1019	963	1011	972	887	985	1026	1059	1142
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
1540	1550	1464	1388	1393	1440	1342	1298	1467	1464	1481	1576
1638	1515	1504	1513	1434	1429	1427	1041	1492	1532	1605	1713
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
1650	1634	1580	1461	1452	1490	1381	1378	1554	1555	1631	1698
1695	1618	1568	1568	1488	1470	1483	1085	1575	1646	1601	1789
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
1529	1545	1580	1118	1307	1417	1635	1443	1589	1703	1691	1919
1647	1648	1813	1813	1327	1631	1631	1230	1685	1681	1796	1888

Physical exchanges in interconnected operation¹

MM_YY	SLO→A	SLO→I	SLO→HR	SLO_UCITE_EXP	SLO_III_EXP	SLO_CENTREL_EXP	Export (-)			Import (+)			Balance		
							A→SLO	I→SLO	HR→SLO	SLO_UCITE_IMP	SLO_III_IMP	SLO_CENTREL_IMP	SLO_UCITE_SLD	SLO_III_SLD	SLO_CENTREL_SLD
I.96	5	127	n.a.	n.a.	0	0	132	55	n.a.	n.a.	0	0	n.a.	0	0
II.96	3	64	n.a.	n.a.	0	0	118	77	n.a.	n.a.	0	0	n.a.	0	0
III.96	5	58	n.a.	n.a.	0	0	116	63	n.a.	n.a.	0	0	n.a.	0	0
IV.96	27	151	n.a.	n.a.	0	0	61	25	n.a.	n.a.	0	0	n.a.	0	0
V.96	30	147	n.a.	n.a.	0	0	111	17	n.a.	n.a.	0	0	n.a.	0	0
VI.96	1	71	n.a.	n.a.	0	0	161	46	n.a.	n.a.	0	0	n.a.	0	0
VII.96	2	78	n.a.	n.a.	0	0	165	57	n.a.	n.a.	0	0	n.a.	0	0
VIII.96	30	48	n.a.	n.a.	0	0	94	65	n.a.	n.a.	0	0	n.a.	0	0
IX.96	2	89	n.a.	n.a.	0	0	114	41	n.a.	n.a.	0	0	n.a.	0	0
X.96	15	212	n.a.	n.a.	0	0	64	10	n.a.	n.a.	0	0	n.a.	0	0
XI.96	18	222	n.a.	n.a.	0	0	95	17	n.a.	n.a.	0	0	n.a.	0	0
XII.96	13	181	n.a.	n.a.	0	0	88	34	n.a.	n.a.	0	0	n.a.	0	0
1996	151	1448	n.a.	n.a.	0	0	1319	507	n.a.	n.a.	0	0	n.a.	0	0
I.00	0	415	0	415	0	0	263	1	90	354	0	0	-61	0	0
II.00	2	409	0	411	0	0	255	0	88	343	0	0	-68	0	0
III.00	2	411	0	413	0	0	272	0	24	296	0	0	-117	0	0
IV.00	2	556	0	558	0	0	251	0	283	534	0	0	-24	0	0
V.00	0	379	91	470	0	0	314	7	180	501	0	0	31	0	0
VI.00	0	219	225	444	0	0	305	21	157	483	0	0	39	0	0
VII.00	0	264	399	663	0	0	313	8	153	474	0	0	-189	0	0
VIII.00	2	114	407	523	0	0	257	21	103	381	0	0	-142	0	0
IX.00	0	209	322	531	0	0	233	7	207	447	0	0	-84	0	0
X.00	0	420	366	786	0	0	302	8	266	576	0	0	-210	0	0
XI.00	2	524	337	863	0	0	257	0	367	624	0	0	-239	0	0
XII.00	11	589	308	908	0	0	215	0	408	623	0	0	-285	0	0
2000	21	4509	2455	6985	0	0	3237	73	2326	5636	0	0	-1349	0	0
I.01	8	546	257	811	0	0	199	0	460	659	0	0	-152	0	0
II.01	4	540	239	783	0	0	247	0	360	607	0	0	-176	0	0
III.01	24	622	270	916	0	0	190	0	473	663	0	0	-253	0	0
IV.01	8	591	271	870	0	0	168	0	443	611	0	0	-259	0	0
V.01	0	455	157	612	0	0	296	0	269	565	0	0	-47	0	0
VI.01	0	308	269	577	0	0	345	7	153	505	0	0	-72	0	0
VII.01	0	246	365	611	0	0	274	17	141	432	0	0	-179	0	0
VIII.01	4	109	357	470	0	0	225	23	137	385	0	0	-85	0	0
IX.01	0	338	310	648	0	0	298	3	208	509	0	0	-139	0	0
X.01	0	367	317	684	0	0	260	7	235	502	0	0	-182	0	0
XI.01	8	428	251	687	0	0	205	8	320	533	0	0	-154	0	0
XII.01	6	583	203	792	0	0	320	1	382	703	0	0	-89	0	0
2001	62	5133	3266	8461	0	0	3027	66	3581	6674	0	0	-1787	0	0

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 operation¹

MM_Y Y	HR→BIH	HR→H	HR→JIEL	HR→SLO	HR_UCTE_EXP	HR_III_EXP	HR_CENTREL_EXP	BIH→HR	H→HR	JIEL→HR	SLO→HR	HR_UCTE_IMP	HR_III_IMP	HR_CENTREL_IMP	HR_UCTE_SLD	HR_III_SLD	HR_CENTREL_SLD
	Export (-)							Import (+)							Balance		
I.96	n.a.	0	0	n.a.	n.a.	0	0	n.a.	7	0	n.a.	n.a.	0	7	n.a.	0	7
II.96	n.a.	0	0	n.a.	n.a.	0	0	n.a.	3	0	n.a.	n.a.	0	3	n.a.	0	3
III.96	n.a.	3	0	n.a.	n.a.	0	3	n.a.	0	0	n.a.	n.a.	0	0	n.a.	0	-3
IV.96	n.a.	3	0	n.a.	n.a.	0	3	n.a.	0	0	n.a.	n.a.	0	0	n.a.	0	-3
V.96	n.a.	0	0	n.a.	n.a.	0	0	n.a.	6	0	n.a.	n.a.	0	6	n.a.	0	6
VI.96	n.a.	0	0	n.a.	n.a.	0	0	n.a.	10	0	n.a.	n.a.	0	10	n.a.	0	10
VII.96	n.a.	0	0	n.a.	n.a.	0	0	n.a.	8	0	n.a.	n.a.	0	8	n.a.	0	8
VIII.96	n.a.	0	0	n.a.	n.a.	0	0	n.a.	10	0	n.a.	n.a.	0	10	n.a.	0	10
IX.96	n.a.	3	0	n.a.	n.a.	0	3	n.a.	3	0	n.a.	n.a.	0	3	n.a.	0	0
X.96	n.a.	4	0	n.a.	n.a.	0	4	n.a.	7	0	n.a.	n.a.	0	7	n.a.	0	3
XI.96	n.a.	2	0	n.a.	n.a.	0	2	n.a.	9	0	n.a.	n.a.	0	9	n.a.	0	7
XII.96	n.a.	2	0	n.a.	n.a.	0	2	n.a.	10	0	n.a.	n.a.	0	10	n.a.	0	8
1996	n.a.	17	0	n.a.	n.a.	0	17	n.a.	73	0	n.a.	n.a.	0	73	n.a.	0	56
I.00	62	0	0	90	152	0	0	0	384	0	0	0	0	384	-152	0	384
II.00	39	0	0	88	127	0	0	0	445	0	0	0	0	445	-127	0	445
III.00	51	0	0	24	75	0	0	0	451	0	0	0	0	451	-75	0	451
IV.00	0	0	0	283	283	0	0	31	358	19	0	50	0	358	-233	0	358
V.00	0	0	0	180	180	0	0	0	354	16	91	107	0	354	-73	0	354
VI.00	0	0	0	157	157	0	0	0	311	16	225	241	0	311	84	0	311
VII.00	0	0	0	153	153	0	0	0	325	19	399	418	0	325	265	0	325
VIII.00	0	0	0	103	103	0	0	0	225	18	407	425	0	225	322	0	225
IX.00	0	0	0	207	207	0	0	0	393	19	322	341	0	393	134	0	393
X.00	0	0	0	266	266	0	0	0	469	7	366	373	0	469	107	0	469
XI.00	0	0	0	367	367	0	0	0	362	14	337	351	0	362	-16	0	362
XII.00	0	0	0	408	408	0	0	0	394	0	308	308	0	394	-100	0	394
2000	152	0	0	2326	2478	0	0	31	4471	128	2455	2614	0	4471	136	0	4471
I.01	160	0	0	460	620	0	0	70	390	0	257	327	0	390	-293	0	390
II.01	147	0	0	360	507	0	0	80	357	0	239	319	0	357	-188	0	357
III.01	100	0	1	473	574	0	0	116	336	0	270	386	0	336	-188	0	336
IV.01	124	0	0	443	567	0	0	71	287	0	271	342	0	287	-225	0	287
V.01	99	0	0	269	368	0	0	63	316	0	157	220	0	316	-148	0	316
VI.01	179	0	0	153	332	0	0	18	303	0	269	287	0	303	-45	0	303
VII.01	146	0	0	141	287	0	0	17	250	0	365	382	0	250	95	0	250
VIII.01	144	0	0	137	281	0	0	24	245	0	357	381	0	245	100	0	245
IX.01	153	0	0	208	361	0	0	17	392	0	310	327	0	392	-34	0	392
X.01	184	3	0	235	419	0	3	25	506	0	317	342	0	506	-77	0	503
XI.01	162	0	0	320	482	0	0	40	600	0	251	291	0	600	-191	0	600
XII.01	169	0	0	382	551	0	0	45	711	0	203	248	0	711	-303	0	711
2001	1767	3	1	3581	5349	0	3	586	4693	0	3266	3852	0	4693	-1497	0	4690

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 conventional net production	GWh	Σ	1996	n.a
			2000	4025
			2001	4711
Thermal nuclear net production	GWh	Σ	1996	n.a
			2000	0
			2001	0
Hydraulic net production	GWh	Σ	1996	n.a
			2000	5804
			2001	6551
Total net electrical energy production	GWh	Σ	1996	n.a.
			2000	9829
			2001	11262
Total physical import / export balance ¹	GWh	Σ	1996	n.a.
			2000	3952
			2001	3190
Consumption of pumps	GWh	Σ	1996	n.a.
			2000	18
			2001	49
National electrical consumption	GWh	Σ	1996	n.a.
			2000	13763
			2001	14403
National electrical consumption as percentage of total values	%Ø pond.		1996	n.a
			2000	100
			2001	100
Energy capability factor (hydro power)	Ø pond.		1996	-
			2000	-
			2001	1,03
Consumption load at 3:00 a.m. on the 3 rd Wednesday	MW max.		1996	n.a.
			2000	1419
			2001	1685
Consumption load at 11:00 a.m. on the 3 rd Wednesday	MW max.		1996	n.a.
			2000	2329
			2001	2630
Peak load on the 3 rd Wednesday	MW max.		1996	n.a.
			2000	2430
			2001	2713
Power produced in parallel operation on the 3 rd Wednesday at 11:00 a.m.	MW max.		1996	n.a.
			2000	2151
			2001	2630

¹ Terminology 2.15, see also note Physical energy exchange in interconnected operation

Monthly values
Operation

HRVATSKA

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.
451	388	362	327	235	361	423	406	371	191	218	292
388	317	285	296	259	328	436	454	377	404	484	683
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
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.
768	562	526	594	453	315	223	231	206	400	711	815
885	733	835	793	607	436	344	321	357	319	426	495
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
1219	950	888	921	688	676	646	637	577	591	929	1107
1273	1050	1120	1089	866	764	780	775	734	723	910	1178
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
232	318	376	125	309	333	427	440	450	504	215	223
99	171	111	66	172	261	348	347	360	429	414	412
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	4	9	5
12	4	1	4	1	4	6	1	5	6	0	5
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
1451	1268	1264	1046	997	1009	1073	1077	1027	1091	1135	1325
1360	1217	1230	1151	1037	1021	1122	1121	1089	1146	1324	1585
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
100	100	100	100	100	100	100	95	100	100	100	100
100	100	100	100	100	100	100	100	100	100	100	100
-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-
1,06	0,97	0,78	1,80	1,01	0,82	1,00	1,15	1,03	0,69	0,83	1,64
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
1419	1276	1178	991	991	1052	1045	1009	1081	1008	1091	1289
1349	1310	1178	1267	987	1030	1135	1101	1097	1062	1345	1685
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
2329	2184	1990	1631	1607	1710	1708	1737	1694	1643	1741	2151
2313	2118	1882	2011	1630	1739	1789	1513	1898	1769	2191	2630
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
2430	2262	2147	1786	1729	1794	1762	1834	1892	1830	1977	2304
2375	2255	2043	2152	1727	1776	1852	1611	1974	1966	2379	2713
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
1917	1572	1403	1311	1018	1056	1708	1737	1694	1643	1741	2151
2313	2118	1882	2011	1630	1739	1789	1513	1898	1769	2191	2630

			I-XII	
Thermal conventional net production	GWh	Σ	1996	26947
			2000	27967
			2001	28547
Thermal nuclear net production	GWh	Σ	1996	0
			2000	0
			2001	0
Hydraulic net production	GWh	Σ	1996	18822
			2000	13157
			2001	13197
Total net electrical energy production	GWh	Σ	1996	45769
			2000	41124
			2001	41744
Total physical import / export balance ¹	GWh	Σ	1996	706
			2000	3109
			2001	4229
Consumption of pumps	GWh	Σ	1996	1454
			2000	727
			2001	1046
National electrical consumption	GWh	Σ	1996	45021
			2000	43506
			2001	44927
National electrical consumption as percentage of total values	%Ø pond.		1996	96
			2000	96
			2001	96
Energy capability factor (hydro power)	Ø pond.		1996	1,16
			2000	0,90
			2001	0,93
Consumption load at 3:00 a.m. on the 3 rd Wednesday	MW max.		1996	5643
			2000	5464
			2001	6582
Consumption load at 11:00 a.m. on the 3 rd Wednesday	MW max.		1996	7697
			2000	7445
			2001	8025
Peak load on the 3 rd Wednesday	MW max.		1996	7968
			2000	7886
			2001	8297
Power produced in parallel operation on the 3 rd Wednesday at 11:00 a.m.	MW max.		1996	6917
			2000	6351
			2001	6477

¹ Terminology 2.15, see also note Physical energy exchange in interconnected operation

Monthly values
Operation

JIEL

I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
3044	2813	3038	2104	1334	1688	1757	1973	2001	2162	2384	2649
2916	2867	2686	1928	1865	1969	2119	2191	2319	2052	2354	2701
2940	2479	2554	2318	1736	1882	2088	1904	1979	2366	2850	3451
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
1838	1720	1618	1870	1928	1261	1170	1028	1195	1452	1580	2162
1610	1278	1544	1461	1182	1020	972	772	544	946	912	916
1190	1168	1336	1507	1303	1082	922	799	877	825	1043	1145
4882	4533	4656	3974	3262	2949	2927	3001	3196	3614	3964	4811
4526	4145	4230	3389	3047	2989	3091	2963	2863	2998	3266	3617
4130	3647	3890	3825	3039	2964	3010	2703	2856	3191	3893	4596
118	236	271	-91	-271	-136	-52	-96	66	248	160	253
642	457	255	44	0	-159	-192	-44	164	330	513	1099
932	802	309	24	44	-8	23	295	250	264	511	783
81	81	290	229	150	48	45	46	125	138	121	100
50	95	111	169	109	2	14	19	55	32	42	29
159	90	165	135	72	44	64	49	110	67	61	30
4919	4688	4637	3654	2841	2765	2830	2859	3137	3724	4003	4964
5118	4507	4374	3264	2938	2828	2885	2900	2972	3296	3737	4687
4903	4359	4034	3714	3011	2912	2969	2949	2996	3388	4343	5349
96	96	96	96	96	96	96	96	96	96	96	96
96	96	96	96	96	96	96	96	96	96	96	96
96	96	96	96	96	96	96	96	96	96	96	96
1,44	0,72	0,97	1,46	1,12	0,80	1,20	0,30	1,98	1,55	1,06	1,34
1,17	1,12	1,14	1,25	0,61	0,63	0,70	0,83	0,67	1,02	0,75	0,71
1,17	1,05	1,03	1,01	0,80	0,86	0,89	0,83	1,35	0,76	0,81	0,71
5643	5129	5127	4951	2684	2734	2714	2869	3102	3205	3965	4959
5464	4996	4359	2824	2779	2865	2791	2885	2881	2998	3653	5265
5625	5277	3952	4357	2922	2930	3039	2897	3187	3116	5328	6582
7697	7054	6956	6951	4677	4494	4361	4447	5106	5134	5599	6839
7315	7011	6183	4703	4516	4628	4552	4398	4629	4985	5338	7445
7728	7325	5871	6243	4655	4839	4476	4366	5080	4876	6847	8025
7968	7406	7479	7122	5026	4772	4651	4905	5714	6065	6492	7441
7886	7318	7244	5233	4992	4918	4843	4791	5235	5690	6385	7471
8058	7570	6524	6339	5239	4961	4909	4836	5538	5755	7176	8297
4862	4455	4640	3941	3167	2924	2908	2997	3235	3597	5599	6917
6351	6200	6031	4661	4412	4932	5033	4630	4278	4881	4999	5603
6477	6160	5767	5889	4850	4868	4209	3701	4444	4192	5889	6432

Physical exchanges in interconnected operation¹

MM_Y	Export (-)									Import (+)									Balance				
	JIEL→AL	JIEL→BG	JIEL→BIH	JIEL→GR	JIEL→H	JIEL→HR	JIEL→RO	JIEL_UCTE_EXP	JIEL_III_EXP	JIEL_CENTREL_EXP	AL→JIEL	BG→JIEL	BIH→JIEL	GR→JIEL	H→JIEL	HR→JIEL	RO→JIEL	JIEL_UCTE_IMP	JIEL_III_IMP	JIEL_CENTREL_IMP	JIEL_UCTE_SLD	JIEL_III_SLD	JIEL_CENTREL_SLD
I.96	0	0	n.a.	142	0	0	2	142	2	0	8	5	n.a.	76	53	0	44	76	57	53	-66	55	53
II.96	4	0	n.a.	315	0	0	8	315	12	0	10	134	n.a.	291	76	0	26	291	170	76	-24	158	76
III.96	1	0	n.a.	119	0	0	68	119	69	0	168	78	n.a.	108	94	0	2	108	248	94	-11	179	94
IV.96	9	5	n.a.	106	16	0	78	106	92	16	122	1	n.a.	4	0	0	4	4	127	0	-102	35	-16
V.96	0	67	n.a.	131	5	0	90	131	157	5	0	8	n.a.	2	0	0	2	2	10	0	-129	-147	-5
VI.96	2	40	n.a.	109	11	0	110	109	152	11	119	8	n.a.	1	0	0	0	1	127	0	-108	-25	-11
VII.96	7	2	n.a.	164	0	0	40	164	49	0	55	74	n.a.	2	12	0	12	2	141	12	-162	92	12
VIII.96	16	23	n.a.	131	0	0	47	131	86	0	32	29	n.a.	5	42	0	6	5	67	42	-126	-19	42
IX.96	2	8	n.a.	112	0	0	20	112	30	0	63	80	n.a.	1	0	0	45	1	188	0	-111	158	0
X.96	7	2	n.a.	199	0	0	0	199	9	0	85	117	n.a.	128	0	0	102	128	304	0	-71	295	0
XI.96	6	0	n.a.	182	9	0	7	182	13	9	90	87	n.a.	124	1	0	43	124	220	1	-58	207	-8
XII.96	21	0	n.a.	155	12	0	12	155	33	12	116	114	n.a.	116	13	0	61	116	291	13	-39	258	1
1996	75	147	n.a.	1865	53	0	482	1865	704	53	868	735	n.a.	858	291	0	347	858	1950	291	-1007	1246	238
I.00	2	2	96	3	0	0	7	99	11	0	30	140	311	72	118	0	81	383	251	118	284	240	118
II.00	0	10	79	5	0	0	38	84	48	0	33	63	256	78	137	0	23	334	119	137	250	71	137
III.00	5	50	77	12	0	0	74	89	129	0	41	17	333	58	7	0	16	391	74	7	302	-55	7
IV.00	1	33	114	13	0	19	50	146	84	0	30	18	179	38	0	0	8	217	56	0	71	-28	0
V.00	1	51	83	30	0	16	40	129	92	0	12	9	170	18	1	0	13	188	34	1	59	-58	1
VI.00	0	59	93	139	0	16	38	248	97	0	0	4	167	0	2	0	13	167	17	2	-81	-80	2
VII.00	17	47	99	145	0	19	96	263	160	0	0	4	197	0	25	0	4	197	8	25	-66	-152	25
VIII.00	7	32	81	125	0	18	86	224	125	0	3	31	152	1	103	0	14	153	48	103	-71	-77	103
IX.00	1	7	45	77	0	19	20	141	28	0	0	73	125	9	84	0	42	134	115	84	-7	87	84
X.00	3	3	90	33	0	7	5	130	11	0	5	140	137	36	56	0	97	173	242	56	43	231	56
XI.00	50	6	37	19	0	14	6	70	62	0	5	101	324	36	73	0	108	360	214	73	290	152	73
XII.00	33	0	67	16	0	0	0	83	33	0	14	295	336	76	160	0	334	412	643	160	329	610	160
2000	120	300	961	617	0	128	460	1706	880	0	173	895	2687	422	766	0	753	3109	1821	766	1403	941	766
I.01	72	0	47	54	0	0	0	101	72	0	0	245	379	9	142	0	330	388	575	142	287	503	142
II.01	99	0	41	29	0	0	0	70	99	0	0	219	381	18	138	0	217	399	436	138	329	337	138
III.01	96	4	31	111	0	0	17	142	117	0	0	48	458	5	25	1	31	464	79	25	322	-38	25
IV.01	70	51	59	84	0	0	77	143	198	0	0	7	348	2	1	0	7	350	14	1	207	-184	1
V.01	72	27	73	119	0	0	18	192	117	0	3	16	281	1	29	0	24	282	43	29	90	-74	29
VI.01	36	87	54	164	0	0	58	218	181	0	3	5	280	0	95	0	8	280	16	95	62	-165	95
VII.01	41	41	86	138	0	0	66	224	148	0	23	23	234	1	105	0	10	235	56	105	11	-92	105
VIII.01	75	0	89	71	0	0	19	160	94	0	4	191	168	5	123	0	58	173	253	123	13	159	123
IX.01	51	1	36	123	0	0	21	159	73	0	5	175	166	6	96	0	34	172	214	96	13	141	96
X.01	71	12	30	96	0	0	7	126	90	0	5	67	182	1	144	0	79	183	151	144	57	61	144
XI.01	90	0	49	82	0	0	2	131	92	0	6	138	299	2	182	0	107	301	251	182	170	159	182
XII.01	50	0	100	68	0	0	0	168	50	0	7	245	259	5	195	0	290	264	542	195	96	492	195
2001	823	223	695	1139	0	0	285	1834	1331	0	56	1379	3435	55	1275	1	1195	3491	2630	1275	1657	1299	1275

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 operation¹

MM_YV	L→B	L→D	Export (-)			B→L		D→L		Import (+)			Balance		
			L_UCTE_EXP	L_III_EXP	L_CENTREL_EXP	L_UCTE_IMP	L_III_IMP	L_CENTREL_IMP	L_UCTE_SLD	L_III_SLD	L_CENTREL_SLD				
I.96	0	48	48	0	0	130	376	506	0	0	458	0	0		
II.96	0	56	56	0	0	94	372	466	0	0	410	0	0		
III.96	0	63	63	0	0	134	387	521	0	0	458	0	0		
IV.96	0	64	64	0	0	120	356	476	0	0	412	0	0		
V.96	0	71	71	0	0	111	361	472	0	0	401	0	0		
VI.96	0	61	61	0	0	110	331	441	0	0	380	0	0		
VII.96	0	73	73	0	0	115	334	449	0	0	376	0	0		
VIII.96	0	77	77	0	0	63	314	377	0	0	300	0	0		
IX.96	0	83	83	0	0	116	355	471	0	0	388	0	0		
X.96	0	67	67	0	0	130	358	488	0	0	421	0	0		
XI.96	0	74	74	0	0	128	366	494	0	0	420	0	0		
XII.96	0	72	72	0	0	125	216	341	0	0	269	0	0		
1996	0	809	809	0	0	1376	4126	5502	0	0	4693	0	0		
I.00	0	64	64	0	0	164	392	556	0	0	492	0	0		
II.00	0	68	68	0	0	184	378	562	0	0	494	0	0		
III.00	0	48	48	0	0	198	363	561	0	0	513	0	0		
IV.00	0	55	55	0	0	169	348	517	0	0	462	0	0		
V.00	0	58	58	0	0	179	365	544	0	0	486	0	0		
VI.00	0	56	56	0	0	172	343	515	0	0	459	0	0		
VII.00	0	58	58	0	0	177	359	536	0	0	478	0	0		
VIII.00	0	57	57	0	0	100	343	443	0	0	386	0	0		
IX.00	0	60	60	0	0	111	364	475	0	0	415	0	0		
X.00	0	60	60	0	0	157	386	543	0	0	483	0	0		
XI.00	0	68	68	0	0	186	387	573	0	0	505	0	0		
XII.00	0	85	85	0	0	170	413	583	0	0	498	0	0		
2000	0	737	737	0	0	1967	4441	6408	0	0	5671	0	0		
I.01	0	63	63	0	0	175	404	579	0	0	516	0	0		
II.01	0	49	49	0	0	161	355	516	0	0	467	0	0		
III.01	0	63	63	0	0	188	402	590	0	0	527	0	0		
IV.01	0	65	65	0	0	164	370	534	0	0	469	0	0		
V.01	0	57	57	0	0	177	340	517	0	0	460	0	0		
VI.01	0	60	60	0	0	172	353	525	0	0	465	0	0		
VII.01	0	36	36	0	0	169	341	510	0	0	474	0	0		
VIII.01	0	70	70	0	0	110	367	477	0	0	407	0	0		
IX.01	60	82	142	0	0	166	397	563	0	0	421	0	0		
X.01	36	74	110	0	0	190	405	595	0	0	485	0	0		
XI.01	151	64	215	0	0	173	396	569	0	0	354	0	0		
XII.01	135	62	197	0	0	162	392	554	0	0	357	0	0		
2001	382	745	1127	0	0	2007	4522	6529	0	0	5402	0	0		

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

LUXEMBOURG

Monthly values Operation

			I-XII	
			1996	
Thermal conventional net production	GWh	Σ	2000	262
			2001	581
Thermal nuclear net production	GWh	Σ	1996	0
			2000	0
			2001	0
Hydraulic net production	GWh	Σ	1996	873
			2000	883
			2001	873
Total net electrical energy production	GWh	Σ	1996	1253
			2000	1145
			2001	1454
Total physical import / export balance ¹	GWh	Σ	1996	4901
			2000	5711
			2001	5511
Consumption of pumps	GWh	Σ	1996	1140
			2000	1022
			2001	1026
National electrical consumption	GWh	Σ	1996	5014
			2000	5834
			2001	5939
National electrical consumption as percentage of total values	%Ø pond.		1996	99
			2000	99
			2001	99
Energy capability factor (hydro power)	Ø pond.		1996	-
			2000	-
			2001	-
Consumption load at 3:00 a.m. on the 3 rd Wednesday	MW max.		1996	643
			2000	727
			2001	729
Consumption load at 11:00 a.m. on the 3 rd Wednesday	MW max.		1996	755
			2000	859
			2001	824
Peak load on the 3 rd Wednesday	MW max.		1996	772
			2000	888
			2001	879
Power produced in parallel operation on the 3 rd Wednesday at 11:00 a.m.	MW max.		1996	780
			2000	878
			2001	833

¹ Terminology 2.15, see also note Physical energy exchange in interconnected operation

Monthly values
Operation

LUXEMBOURG

I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
36	32	35	32	33	29	30	29	30	31	31	32
26	25	27	22	19	17	17	16	18	22	26	27
29	27	29	26	23	21	20	16	24	24	177	165
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
56	64	71	68	76	65	76	79	84	69	82	83
78	83	64	69	66	62	68	64	67	72	86	104
79	64	77	79	70	66	41	74	89	85	75	74
92	96	106	100	109	94	106	108	114	100	113	115
104	108	91	91	85	79	85	80	85	94	112	131
108	91	106	105	93	87	61	90	113	109	252	239
458	411	459	418	409	387	380	307	395	429	420	428
492	494	513	468	492	465	483	392	420	489	505	498
516	468	526	469	460	466	475	417	481	521	354	358
69	83	92	90	100	87	101	106	115	93	102	102
89	95	68	75	81	77	81	81	82	84	92	117
88	70	87	86	80	82	52	97	114	99	87	84
481	424	473	428	418	394	385	309	394	436	431	441
507	507	536	484	496	467	487	391	423	499	525	512
536	489	545	488	473	471	484	410	480	531	519	513
99	99	99	99	99	99	99	99	99	99	99	99
99	99	99	99	99	99	99	99	99	99	99	99
99	99	99	99	99	99	99	99	99	99	99	99
-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-
643	572	619	582	532	538	486	381	529	522	594	502
727	679	633	628	641	597	658	403	592	611	673	699
663	718	729	641	623	602	593	391	661	667	724	716
753	677	656	652	755	646	601	564	618	698	723	687
783	764	688	748	859	713	810	607	652	708	818	825
813	722	766	795	681	630	810	446	824	804	734	717
772	695	750	661	770	677	647	582	677	732	741	695
829	860	800	766	863	726	854	621	702	760	888	874
879	859	826	811	751	715	811	450	863	862	802	857
780	703	683	680	780	667	628	588	643	726	754	717
802	783	713	770	878	732	831	635	672	732	846	870
815	723	766	797	684	634	816	452	833	795	741	722

NEDERLAND

Monthly values Operation

			I-XII	
Thermal conventional net production	GWh	Σ	1996	55024
			2000	49198
			2001	86669
Thermal nuclear net production	GWh	Σ	1996	3804
			2000	3712
			2001	3745
Hydraulic net production	GWh	Σ	1996	0
			2000	0
			2001	0
Total net electrical energy production	GWh	Σ	1996 ²	58828
			2000 ²	52910
			2001 ²	90414
Total physical import / export balance ¹	GWh	Σ	1996	10792
			2000	18914
			2001	17284
Consumption of pumps	GWh	Σ	1996	0
			2000	0
			2001	0
National electrical consumption	GWh	Σ	1996	69620
			2000	71824
			2001	107698
National electrical consumption as percentage of total values	%Ø pond.		1996	76
			2000	69
			2001	100
Energy capability factor (hydro power)	Ø pond.		1996	-
			2000	-
			2001	-
Consumption load at 3:00 a.m. on the 3 rd Wednesday	MW max.		1996	6263
			2000	6776
			2001	7712
Consumption load at 11:00 a.m. on the 3 rd Wednesday	MW max.		1996	11111
			2000	11648
			2001	13344
Peak load on the 3 rd Wednesday	MW max.		1996	11226
			2000	12255
			2001	13755
Power produced in parallel operation on the 3 rd Wednesday at 11:00 a.m.	MW max.		1996	9422
			2000	8904
			2001	11361

¹Terminology 2.15, see also note Physical energy exchange in interconnected operation

²Including deliveries from industry

Monthly values
Operation

NEDERLAND

I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
4970	4896	4861	4288	4294	4164	4231	4427	4357	4798	4788	4950
4280	4100	4230	3875	4048	3798	3822	4176	4145	4329	4192	4203
7812	7038	7855	7047	6899	6707	6818	6809	7059	7330	7445	7850
300	81	110	359	376	363	374	362	363	376	366	374
333	333	333	327	336	286	335	328	282	153	327	339
337	306	337	326	336	324	329	314	140	335	325	336
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
5270	4977	4971	4647	4670	4527	4605	4789	4720	5174	5154	5324
4613	4433	4563	4202	4384	4084	4157	4504	4427	4482	4519	4542
8149	7344	8192	7373	7235	7031	7147	7123	7199	7665	7770	8186
955	813	884	853	935	998	930	1016	910	866	831	801
1467	1234	1470	1483	1477	1598	1578	1502	1719	1821	1788	1777
1494	1258	1134	1114	1406	1403	1481	1690	1571	1767	1563	1403
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
6225	5790	5855	5500	5605	5525	5535	5805	5630	6040	5985	6125
6080	5667	6033	5685	5861	5682	5735	6006	6146	6303	6307	6319
9643	8602	9326	8487	8641	8434	8628	8813	8770	9432	9333	9589
74	74	74	77	76	77	76	78	77	77	74	73
66	66	66	69	69	71	69	71	72	69	68	69
100	100	100	100	100	100	100	100	100	100	100	100
-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-
5533	5761	5229	5194	5287	5553	5425	6263	5349	5709	5683	5532
5273	5440	5238	5500	6222	6776	5609	6013	6134	5725	5820	5628
7236	6589	6895	6960	7125	7712	7066	7532	7057	6931	7044	7453
10837	10654	10218	10316	10504	10335	9869	10742	10274	10587	10899	11111
10958	10976	10849	10730	10633	11583	10112	10683	10963	11163	11460	11648
13102	12532	12804	12460	11856	12102	11624	12669	12489	12101	12600	13344
10852	10791	10316	10365	10559	10407	9900	10771	10311	10674	10999	11226
11569	10977	10900	10847	10721	11700	10324	10820	11279	11262	12240	12255
13348	12500	12939	12480	12090	12255	11783	12842	12622	12280	13371	13755
8815	8957	8437	8799	7591	8635	8058	8348	8641	9333	8683	9422
8043	8904	8329	8319	8379	8879	7859	8454	7818	8151	7861	8055
10456	10050	10494	10387	9292	9061	9125	9622	9572	9361	10093	11361

Physical exchanges in interconnected operation¹

MM_YY	NL→B	NL→D	Export (-)			Import (+)					Balance		
			NL_UCITE_EXP	NL_III_EXP	NL_CENTREL_EXP	B→NL	D→NL	NL_UCITE_IMP	NL_III_IMP	NL_CENTREL_IMP	NL_UCITE_SLD	NL_III_SLD	NL_CENTREL_SLD
I.96	339	14	353	0	0	215	1092	1307	0	0	954	0	0
II.96	348	117	465	0	0	239	1039	1278	0	0	813	0	0
III.96	386	136	522	0	0	258	1148	1406	0	0	884	0	0
IV.96	360	134	494	0	0	292	1054	1346	0	0	852	0	0
V.96	334	99	433	0	0	201	1166	1367	0	0	934	0	0
VI.96	323	136	459	0	0	256	1201	1457	0	0	998	0	0
VII.96	317	114	431	0	0	246	1114	1360	0	0	929	0	0
VIII.96	226	217	443	0	0	359	1101	1460	0	0	1017	0	0
IX.96	271	222	493	0	0	316	1087	1403	0	0	910	0	0
X.96	322	183	505	0	0	168	1202	1370	0	0	865	0	0
XI.96	396	139	535	0	0	185	1181	1366	0	0	831	0	0
XII.96	515	130	645	0	0	64	1381	1445	0	0	800	0	0
1996	4137	1641	5778	0	0	2799	13766	16565	0	0	10787	0	0
I.00	304	38	342	0	0	328	1482	1810	0	0	1468	0	0
II.00	380	23	403	0	0	183	1455	1638	0	0	1235	0	0
III.00	265	42	307	0	0	386	1391	1777	0	0	1470	0	0
IV.00	272	118	390	0	0	351	1522	1873	0	0	1483	0	0
V.00	194	160	354	0	0	469	1362	1831	0	0	1477	0	0
VI.00	244	135	379	0	0	412	1565	1977	0	0	1598	0	0
VII.00	265	85	350	0	0	390	1539	1929	0	0	1579	0	0
VIII.00	213	185	398	0	0	617	1282	1899	0	0	1501	0	0
IX.00	154	75	229	0	0	600	1349	1949	0	0	1720	0	0
X.00	246	25	271	0	0	432	1660	2092	0	0	1821	0	0
XI.00	284	3	287	0	0	472	1603	2075	0	0	1788	0	0
XII.00	311	8	319	0	0	510	1588	2098	0	0	1779	0	0
2000	3132	897	4029	0	0	5150	17798	22948	0	0	18919	0	0
I.01	428	12	440	0	0	260	1674	1934	0	0	1494	0	0
II.01	488	2	490	0	0	138	1611	1749	0	0	1259	0	0
III.01	620	23	643	0	0	85	1692	1777	0	0	1134	0	0
IV.01	441	36	477	0	0	147	1445	1592	0	0	1115	0	0
V.01	369	42	411	0	0	411	1405	1816	0	0	1405	0	0
VI.01	191	105	296	0	0	419	1280	1699	0	0	1403	0	0
VII.01	92	53	145	0	0	515	1111	1626	0	0	1481	0	0
VIII.01	78	75	153	0	0	764	1080	1844	0	0	1691	0	0
IX.01	162	24	186	0	0	460	1297	1757	0	0	1571	0	0
X.01	177	13	190	0	0	569	1389	1958	0	0	1768	0	0
XI.01	248	8	256	0	0	459	1360	1819	0	0	1563	0	0
XII.01	508	13	521	0	0	260	1665	1925	0	0	1404	0	0
2001	3802	406	4208	0	0	4487	17009	21496	0	0	17288	0	0

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 operation¹

MM_YV	Export (-)						Import (+)										Balance				
	A→CH	A→CZ	A→D	A→H	A→I	A→SLO	A_UCTE_EXP	A_III_EXP	A_CENTREL_EXP	CH→A	CZ→A	D→A	H→A	I→A	SLO→A	A_UCTE_IMP	A_III_IMP	A_CENTREL_IMP	A_UCTE_SLD	A_III_SLD	A_CENTREL_SLD
I.96	144	0	266	17	116	132	658	0	17	26	363	621	137	0	5	652	0	500	-6	0	483
II.96	65	0	276	15	98	118	557	0	15	95	318	526	106	0	3	624	0	424	67	0	409
III.96	196	0	240	62	98	116	650	0	62	16	317	790	31	0	5	811	0	348	161	0	286
IV.96	220	0	230	61	128	61	639	0	61	4	139	739	11	0	27	770	0	150	131	0	89
V.96	176	3	286	112	131	111	704	0	115	31	117	512	10	0	30	573	0	127	-131	0	12
VI.96	149	0	292	106	137	161	739	0	106	23	100	477	13	0	1	501	0	113	-238	0	7
VII.96	129	2	282	97	149	165	725	0	99	51	81	480	18	0	2	533	0	99	-192	0	0
VIII.96	223	2	283	83	75	94	675	0	85	27	13	519	25	0	30	576	0	38	-99	0	-47
IX.96	203	0	279	33	133	114	729	0	33	25	141	542	60	0	2	569	0	201	-160	0	168
X.96	181	16	420	51	116	64	781	0	67	17	199	446	54	0	15	478	0	253	-303	0	186
XI.96	185	12	278	30	116	95	674	0	42	23	214	504	96	0	18	545	0	310	-129	0	268
XII.96	155	2	232	14	126	88	601	0	16	33	225	595	136	0	13	641	0	361	40	0	345
1996	2026	37	3364	681	1423	1319	8132	0	718	371	2227	6751	697	0	151	7273	0	2924	-859	0	2206
I.00	386	0	304	11	171	263	1124	0	11	3	469	902	65	0	0	905	0	534	-219	0	523
II.00	417	0	396	28	158	255	1226	0	28	4	320	802	26	0	2	808	0	346	-418	0	318
III.00	384	0	487	58	172	272	1315	0	58	4	276	740	11	0	2	746	0	287	-569	0	229
IV.00	384	0	510	18	158	251	1303	0	18	4	350	634	79	0	2	640	0	429	-663	0	411
V.00	283	1	776	51	186	314	1559	0	52	42	314	251	38	0	0	293	0	352	-1266	0	300
VI.00	210	0	584	81	176	305	1275	0	81	31	425	284	39	0	0	315	0	464	-960	0	383
VII.00	290	0	387	50	178	313	1168	0	50	16	476	495	63	0	0	511	0	539	-657	0	489
VIII.00	250	0	477	37	103	257	1087	0	37	39	505	398	83	0	2	439	0	588	-648	0	551
IX.00	424	0	353	25	129	233	1139	0	25	18	539	670	91	0	0	688	0	630	-451	0	605
X.00	411	0	468	51	182	302	1363	0	51	28	585	643	55	0	0	671	0	640	-692	0	589
XI.00	334	0	451	14	169	257	1211	0	14	17	624	615	124	0	2	634	0	748	-577	0	734
XII.00	388	0	415	1	164	215	1182	0	1	8	597	812	168	0	11	831	0	765	-351	0	764
2000	4161	1	5608	425	1946	3237	14952	0	426	214	5480	7246	842	0	21	7481	0	6322	-7471	0	5896
I.01	399	0	406	2	166	199	1170	0	2	9	619	851	173	0	8	868	0	792	-302	0	790
II.01	354	0	414	7	136	247	1151	0	7	3	489	673	107	0	4	680	0	596	-471	0	589
III.01	295	1	550	19	145	190	1180	0	20	14	361	524	71	0	24	562	0	432	-618	0	412
IV.01	390	1	408	20	162	168	1128	0	21	9	380	616	96	0	8	633	0	476	-495	0	455
V.01	211	0	683	40	169	296	1359	0	40	35	388	313	68	0	0	348	0	456	-1011	0	416
VI.01	111	0	500	38	165	345	1121	0	38	71	306	600	109	0	0	671	0	415	-450	0	377
VII.01	52	0	500	22	165	274	991	0	22	257	425	600	86	0	0	857	0	511	-134	0	489
VIII.01	72	0	500	17	73	225	870	0	17	281	512	600	109	0	4	885	0	621	15	0	604
IX.01	420	0	500	41	165	298	1383	0	41	18	412	600	37	0	0	618	0	449	-765	0	408
X.01	303	0	500	19	178	260	1241	0	19	26	694	600	87	0	0	626	0	781	-615	0	762
XI.01	463	0	500	0	164	205	1332	0	0	5	624	600	140	0	8	613	0	764	-719	0	764
XII.01	571	0	500	6	175	320	1566	0	6	1	520	600	84	0	6	607	0	604	-959	0	598
2001	3641	2	5961	231	1863	3027	14492	0	233	729	5730	7177	1167	0	62	7968	0	6897	-6524	0	6664

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 conventional net production	GWh	Σ	1996	13248
			2000	11910
			2001	14159
Thermal nuclear net production	GWh	Σ	1996	0
			2000	0
			2001	0
Hydraulic net production	GWh	Σ	1996	32707
			2000	42158
			2001	40487
Total net electrical energy production	GWh	Σ	1996	45955
			2000	54068
			2001	54646
Total physical import / export balance ¹	GWh	Σ	1996	965
			2000	-1364
			2001	184
Consumption of pumps	GWh	Σ	1996	1881
			2000	1984
			2001	1994
National electrical consumption	GWh	Σ	1996	45039
			2000	50720
			2001	52836
National electrical consumption as percentage of total values	%Ø pond.		1996	83
			2000	87
			2001	87
Energy capability factor (hydro power)	Ø pond.		1996	0,99
			2000	1,16
			2001	1,11
Consumption load at 3:00 a.m. on the 3 rd Wednesday	MW max.		1996	5334
			2000	5759
			2001	5705
Consumption load at 11:00 a.m. on the 3 rd Wednesday	MW max.		1996	7440
			2000	7903
			2001	7717
Peak load on the 3 rd Wednesday	MW max.		1996	7440
			2000	8261
			2001	7918
Power produced in parallel operation on the 3 rd Wednesday at 11:00 a.m.	MW max.		1996	7776
			2000	9056
			2001	9394

¹ Terminology 2.15, see also note Physical energy exchange in interconnected operation

Monthly values
Operation

ÖSTERREICH

I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
2240	2328	2189	1075	269	353	315	506	724	704	925	1620
2150	1783	1676	743	223	131	225	187	814	1051	1323	1604
1829	1810	1640	819	393	239	311	364	921	1438	2015	2380
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
1922	1547	1693	2430	3528	3293	3463	3069	3051	3335	2934	2442
2605	2936	3431	3668	4751	4263	3981	3907	3104	3552	3134	2826
2803	2646	3404	3583	4472	4290	4195	3446	3740	2809	2461	2638
4162	3875	3882	3505	3797	3646	3778	3575	3775	4039	3859	4062
4755	4719	5107	4411	4974	4394	4206	4094	3918	4603	4457	4430
4632	4456	5044	4402	4865	4529	4506	3810	4661	4247	4476	5018
407	464	449	233	-201	-278	-225	-172	-27	-60	73	302
292	-115	-337	-208	-927	-545	-173	-124	262	-95	178	428
499	117	-176	-13	-573	-457	-367	242	-389	367	499	435
48	34	85	137	295	205	263	220	237	199	115	43
88	114	134	207	149	151	208	185	220	243	181	104
99	83	128	124	265	229	170	162	168	169	177	220
4521	4305	4246	3601	3301	3163	3290	3183	3511	3780	3817	4321
4959	4490	4636	3996	3898	3698	3825	3785	3960	4265	4454	4754
5032	4490	4740	4265	4027	3843	3969	3890	4104	4445	4798	5233
85	85	85	84	82	82	82	82	83	83	83	85
88	88	88	87	86	85	85	85	86	86	87	88
88	88	88	88	87	86	86	86	87	87	88	89
0,93	0,75	0,73	0,85	0,99	0,86	0,94	0,88	1,19	1,40	1,38	1,18
1,00	1,40	1,34	1,24	1,17	1,00	1,00	1,05	1,05	1,41	1,36	1,14
1,14	1,16	1,32	1,19	1,17	1,08	1,02	0,89	1,31	1,05	1,00	1,11
5334	5149	4894	4393	3825	3696	3442	3398	3952	3880	4347	4966
5759	5299	4882	4446	4221	4351	4080	3504	4116	4498	4557	5399
5671	5131	4665	4820	3929	3972	3896	3763	4695	4506	5462	5705
7440	7127	6678	6152	6107	5863	5893	6030	6536	6451	6713	7085
7903	7515	7201	6883	6614	6757	6423	6516	6855	7188	7167	7689
7717	7405	7164	6956	6390	6494	6426	5777	7133	7072	7467	7611
7440	7216	6775	6259	6290	6037	6117	6133	6681	6514	6805	7193
8163	7689	7515	7222	7012	7152	6959	6781	7092	7464	7452	8261
7905	7506	7382	7070	6566	6717	6481	5777	7133	7139	7913	7918
7776	7638	6906	5894	7158	6980	7173	7475	7379	7602	6798	7216
8608	9056	8492	8000	8977	8231	7909	8307	7209	8975	7506	7891
8260	8173	9394	8075	8539	8693	7277	7548	8224	8455	8109	7847

PORTUGAL

Monthly values Operation

			I-XII	
Thermal conventional net production	GWh	Σ	1996 2000 2001	15471 25970 25962
Thermal nuclear net production	GWh	Σ	1996 2000 2001	0 0 0
Hydraulic net production	GWh	Σ	1996 2000 2001	14441 11603 14304
Total net electrical energy production	GWh	Σ	1996 ² 2000 ² 2001 ²	29912 37573 40266
Total physical import / export balance ¹	GWh	Σ	1996 2000 2001	1109 936 245
Consumption of pumps	GWh	Σ	1996 2000 2001	137 560 484
National electrical consumption	GWh	Σ	1996 2000 2001	30884 37949 40027
National electrical consumption as percentage of total values	%Ø pond.		1996 2000 2001	92 92 91
Energy capability factor (hydro power)	Ø pond.		1996 2000 2001	1,30 1,08 1,19
Consumption load at 3:00 a.m. on the 3 rd Wednesday	MW max.		1996 2000 2001	2753 3284 3826
Consumption load at 11:00 a.m. on the 3 rd Wednesday	MW max.		1996 2000 2001	5009 5834 6470
Peak load on the 3 rd Wednesday	MW max.		1996 2000 2001	5077 6167 7020
Power produced in parallel operation on the 3 rd Wednesday at 11:00 a.m.	MW max.		1996 2000 2001	4850 6213 6409

¹Terminology 2.15, see also note Physical energy exchange in interconnected operation

²Including deliveries from industry

Monthly values
Operation

PORTUGAL

I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
565	542	1062	884	982	1534	2106	1989	1814	1626	1480	887
2539	2428	2485	1970	1509	2200	2500	2325	2246	2502	2313	953
1233	1092	1201	1559	2151	2512	2762	2396	2516	2559	2730	3251
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
2313	2168	1558	1466	1497	881	577	337	466	580	829	1769
1145	747	533	1062	1662	609	509	413	686	656	1049	2532
2546	2138	2320	1748	1186	676	551	525	531	745	714	624
2878	2710	2620	2350	2479	2415	2683	2326	2280	2206	2309	2656
3684	3175	3018	3032	3171	2809	3009	2738	2932	3158	3362	3485
3779	3230	3521	3307	3337	3188	3313	2921	3047	3304	3444	3875
-25	-5	0	1	-8	-5	-1	-1	208	418	325	202
-46	-36	111	-26	-85	255	229	286	167	39	69	-27
-69	-37	-22	-254	-40	12	81	229	221	64	46	14
33	21	1	1	0	1	6	3	14	19	19	19
45	55	63	58	39	31	56	36	30	43	66	38
14	10	10	38	49	38	53	42	56	45	43	86
2820	2684	2619	2350	2471	2409	2676	2322	2474	2605	2615	2839
3593	3084	3066	2948	3047	3033	3182	2988	3069	3154	3365	3420
3696	3183	3489	3015	3248	3162	3341	3108	3212	3323	3447	3803
92	92	92	92	92	92	92	92	92	92	92	92
92	92	92	92	92	92	92	92	92	92	92	92
91	91	91	91	91	91	91	91	91	91	91	91
1,97	1,45	1,06	1,35	1,59	1,10	0,91	0,67	0,67	0,50	0,92	1,65
0,55	0,40	0,32	1,33	1,77	0,82	0,78	1,25	1,65	0,84	1,43	2,50
1,75	1,28	1,81	1,26	1,09	0,84	0,95	1,79	1,12	1,26	0,58	0,29
2335	2159	2413	2312	2359	2594	2753	2220	2513	2448	2604	2506
3231	3035	2896	2887	2877	3170	3264	2802	3031	3073	3284	3271
3304	3155	3106	2928	3053	3463	3303	3010	3342	3224	3467	3826
4645	5009	4628	4127	4183	4418	4695	3601	4294	4394	4738	4712
5834	5306	4903	5215	4942	5168	5364	4435	5072	5202	5631	5687
5989	5434	5532	5097	5302	5729	5375	3633	5494	5557	5921	6470
4706	5058	4643	4197	4231	4492	4755	3646	4379	4446	5077	4880
6167	5677	5095	5271	5006	5249	5468	4567	5131	5398	6116	6022
6377	5720	5699	5165	5371	5808	5476	4195	5600	5660	6532	7020
4705	4850	4635	4129	4158	4420	4609	3518	3761	3809	4189	4622
6213	5712	4891	5014	5218	4855	5180	3826	4898	5036	5854	5494
6085	5156	5600	5156	5146	5746	5512	2997	5004	5446	5790	6409

Physical exchanges in interconnected operation¹

MM.YY	P_E	P_EXPORT			E_P	P_IMPORT			P_BALANCE		
		P_UCITE_EXP	P_III_EXP	P_CENTREL_EXP		P_UCITE_IMP	P_III_IMP	P_CENTREL_IMP	P_UCITE_SLD	P_III_SLD	P_CENTREL_SLD
		Export (-)				Import (+)			Balance		
I.96	304	304	0	0	272	272	0	0	-32	0	0
II.96	263	263	0	0	253	253	0	0	-10	0	0
III.96	216	216	0	0	209	209	0	0	-7	0	0
IV.96	206	206	0	0	200	200	0	0	-6	0	0
V.96	179	179	0	0	165	165	0	0	-14	0	0
VI.96	304	304	0	0	293	293	0	0	-11	0	0
VII.96	400	400	0	0	392	392	0	0	-8	0	0
VIII.96	391	391	0	0	380	380	0	0	-11	0	0
IX.96	234	234	0	0	434	434	0	0	200	0	0
X.96	114	114	0	0	526	526	0	0	412	0	0
XI.96	183	183	0	0	503	503	0	0	320	0	0
XII.96	211	211	0	0	403	403	0	0	192	0	0
1996	3005	3005	0	0	4030	4030	0	0	1025	0	0
I.00	380	380	0	0	326	326	0	0	-54	0	0
II.00	312	312	0	0	267	267	0	0	-45	0	0
III.00	286	286	0	0	390	390	0	0	104	0	0
IV.00	359	359	0	0	327	327	0	0	-32	0	0
V.00	423	423	0	0	330	330	0	0	-93	0	0
VI.00	207	207	0	0	455	455	0	0	248	0	0
VII.00	260	260	0	0	479	479	0	0	219	0	0
VIII.00	247	247	0	0	522	522	0	0	275	0	0
IX.00	267	267	0	0	425	425	0	0	158	0	0
X.00	333	333	0	0	363	363	0	0	30	0	0
XI.00	358	358	0	0	419	419	0	0	61	0	0
XII.00	333	333	0	0	294	294	0	0	-39	0	0
2000	3765	3765	0	0	4597	4597	0	0	832	0	0
I.01	302	302	0	0	225	225	0	0	-77	0	0
II.01	240	240	0	0	200	200	0	0	-40	0	0
III.01	227	227	0	0	200	200	0	0	-27	0	0
IV.01	436	436	0	0	178	178	0	0	-258	0	0
V.01	281	281	0	0	235	235	0	0	-46	0	0
VI.01	323	323	0	0	329	329	0	0	6	0	0
VII.01	353	353	0	0	427	427	0	0	74	0	0
VIII.01	139	139	0	0	355	355	0	0	216	0	0
IX.01	261	261	0	0	471	471	0	0	210	0	0
X.01	308	308	0	0	362	362	0	0	54	0	0
XI.01	282	282	0	0	318	318	0	0	36	0	0
XII.01	327	327	0	0	329	329	0	0	2	0	0
2001	3479	3479	0	0	3629	3629	0	0	150	0	0

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 operation¹

MM_Y Y	Export (-)				Import (+)				Balance								
	CH→A	CH→D	CH→F	CH→I	CH_UCTE_EXP	CH_III_EXP	CH_CENTREL_EXP	A→CH	D→CH	F→CH	I→CH	CH_UCTE_IMP	CH_III_IMP	CH_CENTREL_IMP	CH_UCTE_SLD	CH_III_SLD	CH_CENTREL_SLD
I.96	26	384	4	1301	1715	0	0	144	891	1150	0	2185	0	0	470	0	0
II.96	95	358	33	1271	1757	0	0	65	916	983	4	1968	0	0	211	0	0
III.96	16	374	32	1409	1831	0	0	196	1190	1182	4	2572	0	0	741	0	0
IV.96	4	337	0	1500	1841	0	0	220	873	979	0	2072	0	0	231	0	0
V.96	31	441	3	1681	2156	0	0	176	372	823	0	1371	0	0	-785	0	0
VI.96	23	301	13	1756	2093	0	0	149	454	608	2	1213	0	0	-880	0	0
VII.96	51	408	8	1789	2256	0	0	129	664	686	2	1481	0	0	-775	0	0
VIII.96	27	443	4	1114	1588	0	0	223	523	839	0	1585	0	0	-3	0	0
IX.96	25	312	5	1489	1831	0	0	203	856	923	1	1983	0	0	152	0	0
X.96	17	432	7	1268	1724	0	0	181	827	979	4	1991	0	0	267	0	0
XI.96	23	442	6	1442	1913	0	0	185	768	1001	1	1955	0	0	42	0	0
XII.96	33	339	22	1451	1845	0	0	155	816	879	2	1852	0	0	7	0	0
1996	371	4571	137	17471	22550	0	0	2026	9150	11032	20	22228	0	0	-322	0	0
I.00	3	321	274	1760	2358	0	0	386	1252	881	0	2519	0	0	161	0	0
II.00	4	297	109	1757	2167	0	0	417	1131	902	0	2450	0	0	283	0	0
III.00	4	342	115	1962	2423	0	0	384	1133	1025	1	2543	0	0	120	0	0
IV.00	4	359	84	1766	2213	0	0	384	920	815	0	2119	0	0	-94	0	0
V.00	42	754	87	1926	2809	0	0	283	338	531	1	1153	0	0	-1656	0	0
VI.00	31	784	61	1896	2772	0	0	210	319	427	3	959	0	0	-1813	0	0
VII.00	16	381	68	1949	2414	0	0	290	698	682	0	1670	0	0	-744	0	0
VIII.00	39	493	110	1275	1917	0	0	250	658	705	2	1615	0	0	-302	0	0
IX.00	18	250	287	1849	2404	0	0	424	952	684	3	2063	0	0	-341	0	0
X.00	28	330	255	2295	2908	0	0	411	825	721	0	1957	0	0	-951	0	0
XI.00	17	396	129	1924	2466	0	0	334	823	858	0	2015	0	0	-451	0	0
XII.00	8	443	73	1976	2500	0	0	388	1052	1126	0	2566	0	0	66	0	0
2000	214	5150	1652	22335	29351	0	0	4161	10101	9357	10	23629	0	0	-5722	0	0
I.01	9	449	108	2032	2598	0	0	399	1159	1075	0	2633	0	0	35	0	0
II.01	3	409	137	1800	2349	0	0	354	968	853	0	2175	0	0	-174	0	0
III.01	14	518	59	1874	2465	0	0	295	815	1026	0	2136	0	0	-329	0	0
IV.01	9	373	42	1841	2265	0	0	390	654	758	0	1802	0	0	-463	0	0
V.01	35	796	123	1933	2887	0	0	211	340	470	0	1021	0	0	-1866	0	0
VI.01	71	854	97	1920	2942	0	0	111	309	462	2	884	0	0	-2058	0	0
VII.01	257	918	91	1882	3148	0	0	52	354	597	2	1005	0	0	-2143	0	0
VIII.01	281	882	302	1136	2601	0	0	72	367	391	31	861	0	0	-1740	0	0
IX.01	18	361	172	2166	2717	0	0	420	867	628	7	1922	0	0	-795	0	0
X.01	26	395	46	2457	2924	0	0	303	1041	1016	0	2360	0	0	-564	0	0
XI.01	5	261	109	2323	2698	0	0	463	1313	1073	0	2849	0	0	151	0	0
XII.01	1	132	320	2462	2915	0	0	571	1908	981	0	3460	0	0	545	0	0
2001	729	6348	1606	23826	32509	0	0	3641	10095	9330	42	23108	0	0	-9401	0	0

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 conventional net production	GWh	Σ	1996	1703
			2000	2597
			2001	2601
Thermal nuclear net production	GWh	Σ	1996	23681
			2000	24949
			2001	25293
Hydraulic net production	GWh	Σ	1996	29698
			2000	37846
			2001	42252
Total net electrical energy production	GWh	Σ	1996 ²	55082
			2000 ²	65392
			2001 ²	70146
Total physical import / export balance ¹	GWh	Σ	1996	-946
			2000	-7017
			2001	-10299
Consumption of pumps	GWh	Σ	1996	1754
			2000	1974
			2001	1947
National electrical consumption	GWh	Σ	1996	52382
			2000	56401
			2001	57900
National electrical consumption as percentage of total values	%Ø pond.		1996	100
			2000	100
			2001	100
Energy capability factor (hydro power)	Ø pond.		1996	0,92
			2000	1,15
			2001	1,17
Consumption load at 3:00 a.m. on the 3 rd Wednesday	MW max.		1996	6607
			2000	6770
			2001	7837
Consumption load at 11:00 a.m. on the 3 rd Wednesday	MW max.		1996	8362
			2000	8867
			2001	9276
Peak load on the 3 rd Wednesday	MW max.		1996	8452
			2000	9027
			2001	9396
Power produced in parallel operation on the 3 rd Wednesday at 11:00 a.m.	MW max.		1996	9834
			2000	12181
			2001	12408

¹Terminology 2.15, see also note Physical energy exchange in interconnected operation

²Including deliveries from industry

Monthly values
Operation

SCHWEIZ

I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
193	214	148	124	117	99	92	89	121	143	173	190
238	232	229	218	197	193	176	185	213	236	245	235
246	228	236	223	212	202	190	165	211	228	227	233
2295	2149	2270	2201	2213	1484	1538	1144	1898	2006	2206	2277
2354	2213	2355	2278	2307	2133	1285	1024	1979	2341	2297	2383
2356	2136	2375	2298	2336	2111	1468	1130	2051	2348	2297	2387
2231	2424	1763	1704	2681	3354	3297	2910	2170	2128	2619	2417
2895	2475	2532	2264	3980	4079	3799	3727	2825	3402	3191	2677
3051	2895	3132	2874	4163	4442	5130	5076	3292	2985	2708	2504
4719	4787	4181	4029	5011	4937	4927	4143	4189	4277	4998	4884
5487	4920	5116	4760	6484	6405	5260	4936	5017	5979	5733	5295
5653	5259	5743	5395	6711	6755	6788	6371	5554	5561	5232	5124
412	169	668	167	-849	-946	-862	-95	90	209	-23	114
59	141	12	-194	-1822	-1927	-870	-432	-429	-1030	-485	-40
-52	-238	-403	-574	-1955	-2157	-2160	-1810	-906	-630	97	489
56	28	85	87	198	221	327	315	131	113	125	68
72	40	44	139	228	305	248	275	219	158	122	124
87	66	114	106	255	312	287	239	139	128	96	118
5075	4928	4764	4109	3964	3770	3738	3733	4148	4373	4850	4930
5474	5021	5084	4427	4434	4173	4142	4229	4369	4791	5126	5131
5514	4955	5226	4715	4501	4286	4341	4322	4509	4803	5233	5495
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
1,08	0,81	0,75	0,79	0,97	0,92	0,85	0,97	0,63	0,87	1,52	1,23
1,11	1,35	1,20	1,14	1,46	1,11	0,87	1,03	0,94	1,58	1,59	1,29
1,25	1,07	1,50	1,00	1,47	1,20	1,16	1,21	0,95	1,11	0,89	0,89
6186	6607	6033	5153	4314	4314	4033	4213	4649	4702	5769	5834
6770	6427	5985	6105	4905	4950	4674	4744	5038	5283	6196	6678
7413	6853	6114	6298	5178	4992	4810	4614	5512	5123	6775	7837
8324	8362	7637	7302	6970	7140	6547	7311	7370	7519	7850	7677
8867	8743	8312	8076	7851	7772	7141	7702	8015	8063	8395	8668
9167	8745	8879	8327	7974	7852	7620	7285	8195	8204	8890	9276
8382	8452	7788	7453	7188	7336	6699	7511	7544	7919	7995	7944
9027	8961	8538	8286	8067	8075	7229	7871	8095	8159	8618	8908
9337	8843	8994	8496	8196	8090	7778	7407	8328	8288	9030	9396
8624	9834	7288	7669	8547	9323	9224	7668	8498	8208	8492	8683
11986	10156	9310	8247	11518	12181	9048	10334	11955	11678	11635	10591
12038	10681	10862	11003	11840	12408	10842	10398	11421	11275	10414	11226

				I-XII
Thermal conventional net production	GWh	Σ	1996	770081
			2000	871875
			2001	906310
Thermal nuclear net production	GWh	Σ	1996	657235
			2000	692109
			2001	701540
Hydraulic net production	GWh	Σ	1996	284551
			2000	293617
			2001	321029
Total net electrical energy production	GWh	Σ	1996 ²	1711867
			2000 ²	1857601
			2001 ²	1928879
Total physical import / export balance ¹	GWh	Σ	1996	-12371
			2000	9343
			2001	13255
Consumption of pumps	GWh	Σ	1996	27627
			2000	34987
			2001	34582
National electrical consumption	GWh	Σ	1996	1671869
			2000	1832785
			2001	1907552
National electrical consumption as percentage of total values	%Ø pond.		1996	-
			2000	-
			2001	-
Energy capability factor (hydro power)	Ø pond.		1996	1,04
			2000	1,02
			2001	1,19
Consumption load at 3:00 a.m. on the 3 rd Wednesday	MW max.		1996	192359
			2000	193541
			2001	219731
Consumption load at 11:00 a.m. on the 3 rd Wednesday	MW max.		1996	441727
			2000	272553
			2001	296803
Peak load on the 3 rd Wednesday	MW max.		1996	260639
			2000	287135
			2001	308176
Power produced in parallel operation on the 3 rd Wednesday at 11:00 a.m.	MW max.		1996	265388
			2000	280707
			2001	298332

¹Terminology 2.15, see also note Physical energy exchange in interconnected operation

²Including deliveries from industry

Monthly values
Operation

UCTE

I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
70926	71779	74386	59407	55539	58000	61004	55839	62197	66880	66457	67667
86655	81105	81626	68795	62037	64832	69384	66118	71509	72557	74402	72855
81604	73709	77111	68639	68228	67268	70932	66998	71964	78816	87437	93604
63269	57265	58027	54277	51593	46154	49176	49183	51736	56170	58838	61547
63448	57971	60378	55111	54857	52401	54923	53089	55412	59383	60886	64250
66737	58001	59599	55721	52900	51781	54828	55163	57450	60686	62032	66642
27546	25460	21554	21820	27325	25046	23687	19647	18711	21023	23613	29119
23913	20860	22015	24218	31563	26397	23681	22090	19622	23760	26868	28630
32070	28044	33339	30770	33107	29382	28929	24418	21499	20820	19360	19291
161741	154504	153967	135504	134457	129200	133867	124669	132644	144073	148908	158333
174016	159936	164019	148124	148457	143630	147988	141297	146543	155700	162156	165735
180411	159754	170049	155130	154235	148431	154689	146579	150913	160322	168829	179537
-473	-531	-568	-1222	-1426	-1582	-1336	-1788	-715	-853	-1029	-848
854	677	780	719	31	-157	-11	-1138	1082	2047	2074	2385
1935	1507	426	279	353	-464	-637	-204	1372	1555	3432	3701
1935	1507	426									
2769	1903	2358	2272	2365	2273	2351	2170	2136	2441	2400	2189
2772	2711	2877	3138	3235	2532	2619	2603	2759	3037	3205	3499
3331	2478	2966	2655	2999	2665	2640	2701	2819	3075	2877	3376
158499	152070	151041	132010	130666	125345	130180	120711	129793	140779	145479	155296
172555	157902	161922	145705	145253	140941	145358	137556	145237	154710	161025	164621
179015	158783	167509	152754	151589	145302	151412	143674	149466	158802	169384	179862
-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-
1,47	0,99	0,84	0,93	1,05	0,89	0,90	0,92	0,88	1,05	1,28	1,45
0,81	0,85	0,83	1,12	1,17	0,90	0,81	0,95	0,86	1,26	1,40	1,31
1,25	1,00	1,35	1,11	1,24	1,09	1,08	1,07	1,04	0,94	0,74	0,81
179150	192359	171803	154782	145089	143275	142605	132334	145173	149062	171778	174355
193541	188586	179056	173109	157220	163324	161937	141326	160797	172127	189602	192692
204790	200289	184648	180382	162015	166502	165758	148668	168862	171493	204567	219731
253874	252420	238196	225711	223396	441727	219531	202179	224715	231942	246688	248445
268814	263615	247900	249311	236618	247134	238266	212427	243118	251350	265139	272553
280975	267032	259064	256331	245606	245033	246814	197233	256897	252553	277402	296803
260639	260347	242283	227721	226359	226430	222868	205935	227338	237137	257224	258421
280717	273126	259102	253236	241380	252369	243605	224040	247336	257157	275593	287135
288689	275671	264844	263445	248641	254181	251756	210850	257000	259015	296867	308176
265388	262180	246394	233302	232652	233086	230270	212707	234009	242171	258950	263233
276786	271542	257172	257480	250827	260612	249989	224281	251715	260666	275472	280707
287590	273682	268980	268595	254724	260534	257603	212344	258770	262000	284908	298332

			I-XII	
Thermal conventional net production	GWh	Σ	1996 2000 2001	n.a. 52728 52545
Thermal nuclear net production	GWh	Σ	1996 2000 2001	n.a. 12709 13778
Hydraulic net production	GWh	Σ	1996 2000 2001	n.a. 2304 2456
Total net electrical energy production	GWh	Σ	1996 ² 2000 ² 2001 ²	n.a. 67741 68779
Total physical import / export balance ¹	GWh	Σ	1996 2000 2001	n.a. -10018 -9536
Consumption of pumps	GWh	Σ	1996 2000 2001	n.a. 749 554
National electrical consumption	GWh	Σ	1996 2000 2001	n.a. 56974 58689
National electrical consumption as percentage of total values	%Ø pond.		1996 2000 2001	n.a. 100 100
Energy capability factor (hydro power)	Ø pond.		1996 2000 2001	n.a. - -
Consumption load at 3:00 a.m. on the 3 rd Wednesday	MW max.		1996 2000 2001	n.a. 7512 7990
Consumption load at 11:00 a.m. on the 3 rd Wednesday	MW max.		1996 2000 2001	n.a. 8606 9090
Peak load on the 3 rd Wednesday	MW max.		1996 2000 2001	n.a. 8744 9609
Power produced in parallel operation on the 3 rd Wednesday at 11:00 a.m.	MW max.		1996 2000 2001	n.a. 10606 10841

¹Terminology 2.15, see also note Physical energy exchange in interconnected operation

²Including deliveries from industry

Monthly values
Operation

ČESKA REPUBLIKA

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.
5198	4588	5040	4191	3937	3875	3667	3953	4202	4465	4700	4912
5289	4625	4983	4707	4246	4111	3643	3679	3893	3930	4862	4577
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
1201	1166	1073	937	956	894	1040	950	886	1143	1209	1254
1256	1130	1154	925	952	898	965	1080	1112	1563	1209	1534
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
131	248	351	305	184	140	143	159	141	169	173	160
147	195	257	289	215	154	146	172	223	204	230	224
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
6530	6002	6464	5433	5077	4909	4850	5062	5229	5777	6082	6326
6692	5950	6394	5921	5413	5163	4754	4931	5228	5697	6301	6335
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
-676	-728	-987	-914	-849	-784	-862	-881	-860	-878	-825	-774
-752	-727	-808	-978	-1066	-921	-749	-742	-746	-777	-734	-536
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
52	41	43	41	61	64	79	82	74	67	70	75
45	48	51	35	38	46	50	44	42	52	53	50
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
5802	5233	5434	4478	4167	4061	3909	4099	4295	4832	5187	5477
5895	5175	5535	4908	4309	4196	3955	4145	4440	4868	5514	5749
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
100	100	100	100	100	100	100	100	100	100	100	100
100	100	100	100	100	100	100	100	100	100	100	100
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.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
7512	7022	6955	5775	5261	5236	4993	5184	5523	5750	6435	7098
7990	7274	7039	6665	5445	5457	4946	5069	5904	5799	7177	7676
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
8606	8273	8151	6940	6658	6707	6481	6721	7285	7420	7843	8298
8941	8613	8282	7817	6736	6768	6398	6725	7327	7393	8884	9090
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
8744	8355	8299	7002	6690	6725	6481	6737	7364	7534	8414	8721
9609	9204	8867	8240	6848	6858	6512	6851	7453	7694	9171	9235
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
10594	10310	10606	9392	8542	8945	8777	8891	9087	9448	10086	10419
10755	10706	10139	10261	9136	9035	7866	8269	9100	9227	10841	10392

Physical exchanges in interconnected operation¹

v
ČESKA REPUBLIKA | **GWh**

MMI_YY	CZ→A	CZ→D	CZ→PL	CZ→SK	CZ_UCTE_EXP	CZ_III_EXP	CZ_CENTREL_EXP	A→CZ	D→CZ	PL→CZ	SK→CZ	CZ_UCTE_IMP	CZ_III_IMP	CZ_CENTREL_IMP	CZ_UCTE_SLD	CZ_III_SLD	CZ_CENTREL_SLD	Balance	
																		Export (-)	Import (+)
I.96	363	230	n.a.	n.a.	593	0	n.a.	0	109	n.a.	n.a.	109	0	n.a.	-484	0	n.a.		
II.96	318	211	n.a.	n.a.	529	0	n.a.	0	309	n.a.	n.a.	309	0	n.a.	-220	0	n.a.		
III.96	317	318	n.a.	n.a.	635	0	n.a.	0	371	n.a.	n.a.	371	0	n.a.	-264	0	n.a.		
IV.96	139	314	n.a.	n.a.	453	0	n.a.	0	205	n.a.	n.a.	205	0	n.a.	-248	0	n.a.		
V.96	117	325	n.a.	n.a.	442	0	n.a.	3	74	n.a.	n.a.	77	0	n.a.	-365	0	n.a.		
VI.96	100	334	n.a.	n.a.	434	0	n.a.	0	66	n.a.	n.a.	66	0	n.a.	-368	0	n.a.		
VII.96	81	232	n.a.	n.a.	313	0	n.a.	2	54	n.a.	n.a.	56	0	n.a.	-257	0	n.a.		
VIII.96	13	230	n.a.	n.a.	243	0	n.a.	2	5	n.a.	n.a.	7	0	n.a.	-236	0	n.a.		
IX.96	141	274	n.a.	n.a.	415	0	n.a.	0	12	n.a.	n.a.	12	0	n.a.	-403	0	n.a.		
X.96	199	134	n.a.	n.a.	333	0	n.a.	16	98	n.a.	n.a.	114	0	n.a.	-219	0	n.a.		
XI.96	214	136	n.a.	n.a.	350	0	n.a.	12	111	n.a.	n.a.	123	0	n.a.	-227	0	n.a.		
XII.96	225	215	n.a.	n.a.	440	0	n.a.	2	61	n.a.	n.a.	63	0	n.a.	-377	0	n.a.		
1996	2227	2953	n.a.	n.a.	5180	0	n.a.	37	1475	n.a.	n.a.	1512	0	n.a.	-3668	0	n.a.		
I.00	469	645	3	527	1114	0	530	0	12	844	112	12	0	956	-1102	0	426		
II.00	320	854	4	369	1174	0	373	0	3	731	87	3	0	818	-1171	0	445		
III.00	276	1035	8	330	1311	0	338	0	0	578	83	0	0	661	-1311	0	323		
IV.00	350	910	8	235	1260	0	243	0	0	503	86	0	0	589	-1260	0	346		
V.00	314	750	10	316	1064	0	326	1	0	431	109	1	0	540	-1063	0	214		
VI.00	425	594	6	333	1019	0	339	0	0	481	93	0	0	574	-1019	0	235		
VII.00	476	520	6	530	996	0	536	0	135	448	86	135	0	534	-861	0	-2		
VIII.00	505	579	8	449	1084	0	457	0	33	525	102	33	0	627	-1051	0	170		
IX.00	539	569	3	369	1108	0	372	0	8	553	60	8	0	613	-1100	0	241		
X.00	585	844	5	214	1429	0	219	0	7	643	119	7	0	762	-1422	0	543		
XI.00	624	876	1	254	1500	0	255	0	8	739	183	8	0	922	-1492	0	667		
XII.00	597	756	3	340	1353	0	343	0	25	745	152	25	0	897	-1328	0	554		
2000	5480	8932	65	4266	14412	0	4331	1	231	7221	1272	232	0	8493	-14180	0	4162		
I.01	619	740	4	387	1359	0	391	0	32	838	128	32	0	966	-1327	0	575		
II.01	489	776	4	334	1265	0	338	0	12	760	104	12	0	864	-1253	0	526		
III.01	361	958	12	308	1319	0	320	1	1	735	95	2	0	830	-1317	0	510		
IV.01	380	863	17	250	1243	0	267	1	0	463	68	1	0	531	-1242	0	264		
V.01	388	866	1	277	1254	0	278	0	0	388	78	0	0	466	-1254	0	188		
VI.01	306	776	0	340	1082	0	340	0	3	394	104	3	0	498	-1079	0	158		
VII.01	425	657	0	335	1082	0	335	0	8	520	140	8	0	660	-1074	0	325		
VIII.01	512	529	6	355	1041	0	361	0	7	592	61	7	0	653	-1034	0	292		
IX.01	412	779	8	245	1191	0	253	0	1	633	64	1	0	697	-1190	0	444		
X.01	694	680	5	336	1374	0	341	0	54	802	82	54	0	884	-1320	0	543		
XI.01	624	832	3	270	1456	0	273	0	29	814	152	29	0	966	-1427	0	693		
XII.01	520	805	3	273	1325	0	276	0	52	879	134	52	0	1013	-1273	0	737		
2001	5730	9261	63	3710	14991	0	3773	2	199	7818	1210	201	0	9028	-14790	0	5255		

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".

MAGYARORSZAG | GWh

Physical exchanges in interconnected operation¹

MM_YY	H→A	H→HR	H→JIEL	H→SK	H→UA	H→RO	H_UCTE_EXP	H_III_EXP	H_CENTREL_EXP	A→H	HR→H	JIEL→H	SK→H	UA→H	H_UCTE_IMP	H_III_IMP	H_CENTREL_IMP	H_UCTE_SLD	H_III_SLD	H_CENTREL_SLD
I.96	137	7	53	n.a.	n.a.	n.a.	197	n.a.	n.a.	17	0	0	n.a.	n.a.	17	n.a.	n.a.	-180	n.a.	n.a.
II.96	106	3	76	n.a.	n.a.	n.a.	185	n.a.	n.a.	15	0	0	n.a.	n.a.	15	n.a.	n.a.	-170	n.a.	n.a.
III.96	31	0	94	n.a.	n.a.	n.a.	125	n.a.	n.a.	62	3	0	n.a.	n.a.	65	n.a.	n.a.	-60	n.a.	n.a.
IV.96	11	0	0	n.a.	n.a.	n.a.	11	n.a.	n.a.	61	3	16	n.a.	n.a.	80	n.a.	n.a.	69	n.a.	n.a.
V.96	10	6	0	n.a.	n.a.	n.a.	16	n.a.	n.a.	112	0	5	n.a.	n.a.	117	n.a.	n.a.	101	n.a.	n.a.
VI.96	13	10	0	n.a.	n.a.	n.a.	23	n.a.	n.a.	106	0	11	n.a.	n.a.	117	n.a.	n.a.	94	n.a.	n.a.
VII.96	18	8	12	n.a.	n.a.	n.a.	38	n.a.	n.a.	97	0	0	n.a.	n.a.	97	n.a.	n.a.	59	n.a.	n.a.
VIII.96	25	10	42	n.a.	n.a.	n.a.	77	n.a.	n.a.	83	0	0	n.a.	n.a.	83	n.a.	n.a.	6	n.a.	n.a.
IX.96	60	3	0	n.a.	n.a.	n.a.	63	n.a.	n.a.	33	3	0	n.a.	n.a.	36	n.a.	n.a.	-27	n.a.	n.a.
X.96	54	7	0	n.a.	n.a.	n.a.	61	n.a.	n.a.	51	4	0	n.a.	n.a.	55	n.a.	n.a.	-6	n.a.	n.a.
XI.96	96	9	1	n.a.	n.a.	n.a.	106	n.a.	n.a.	30	2	9	n.a.	n.a.	41	n.a.	n.a.	-65	n.a.	n.a.
XII.96	136	10	13	n.a.	n.a.	n.a.	159	n.a.	n.a.	14	2	12	n.a.	n.a.	28	n.a.	n.a.	-131	n.a.	n.a.
1996	697	73	291	n.a.	n.a.	n.a.	1061	n.a.	n.a.	681	17	53	n.a.	n.a.	751	n.a.	n.a.	-310	n.a.	n.a.
I.00	65	384	118	0	0	0	567	0	0	11	0	0	604	207	11	207	604	-556	207	604
II.00	26	445	137	0	0	0	608	0	0	28	0	0	647	170	28	170	647	-580	170	647
III.00	11	451	7	0	0	0	469	0	0	58	0	0	609	128	58	128	609	-411	128	609
IV.00	79	358	0	0	2	0	437	2	0	18	0	0	595	41	18	41	595	-419	39	595
V.00	38	354	1	0	0	0	393	0	0	51	0	0	629	97	51	97	629	-342	97	629
VI.00	39	311	2	0	0	0	352	0	0	81	0	0	541	127	81	127	541	-271	127	541
VII.00	63	325	25	0	0	0	413	0	0	50	0	0	701	131	50	131	701	-363	131	701
VIII.00	83	225	103	0	2	0	411	2	0	37	0	0	635	88	37	88	635	-374	86	635
IX.00	91	393	84	0	0	0	568	0	0	25	0	0	725	91	25	91	725	-543	91	725
X.00	55	469	56	0	0	0	580	0	0	51	0	0	559	143	51	143	559	-529	143	559
XI.00	124	362	73	0	0	0	559	0	0	14	0	0	576	157	14	157	576	-545	157	576
XII.00	168	394	160	0	0	0	722	0	0	1	0	0	728	168	1	168	728	-721	168	728
2000	842	4471	766	0	4	0	6079	4	0	425	0	0	7549	1548	425	1548	7549	-5654	1544	7549
I.01	173	390	142	0	0	16	705	16	0	2	0	0	712	231	2	231	712	-703	215	712
II.01	107	357	138	0	0	26	602	0	0	7	0	0	642	212	7	212	642	-595	212	642
III.01	71	336	25	0	0	14	432	0	0	19	0	0	604	137	19	137	604	-413	137	604
IV.01	96	287	1	0	0	0	384	0	0	20	0	0	550	69	20	69	550	-364	69	550
V.01	68	316	29	0	0	0	413	0	0	40	0	0	633	111	40	111	633	-373	111	633
VI.01	109	303	95	0	0	14	507	0	0	38	0	0	608	169	38	169	608	-469	169	608
VII.01	86	250	105	0	0	23	441	0	0	22	0	0	670	143	22	143	670	-419	143	670
VIII.01	109	245	123	0	0	1	477	0	0	17	0	0	757	93	17	93	757	-460	93	757
IX.01	37	392	96	0	0	0	525	0	0	41	0	0	661	133	41	133	661	-484	133	661
X.01	87	506	144	0	0	0	737	0	0	19	3	0	822	196	22	196	822	-715	196	822
XI.01	140	600	182	0	0	0	922	0	0	0	0	0	802	180	0	180	802	-922	180	802
XII.01	84	711	195	0	0	0	990	0	0	6	0	0	853	182	6	182	853	-984	182	853
2001	1167	4693	1275	0	0	94	7135	0	0	231	3	0	8314	1856	234	1856	8314	-6901	1840	8314

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 conventional net production	GWh	Σ	1996	n.a.
			2000	18896
			2001	20141
Thermal nuclear net production	GWh	Σ	1996	n.a.
			2000	13347
			2001	13290
Hydraulic net production	GWh	Σ	1996	n.a.
			2000	177
			2001	179
Total net electrical energy production	GWh	Σ	1996 ²	n.a.
			2000 ²	32420
			2001 ²	33610
Total physical import / export balance ¹	GWh	Σ	1996	n.a.
			2000	3438
			2001	3175
Consumption of pumps	GWh	Σ	1996	n.a.
			2000	0
			2001	0
National electrical consumption	GWh	Σ	1996	n.a.
			2000	35858
			2001	36785
National electrical consumption as percentage of total values	%Ø pond.		1996	n.a.
			2000	100
			2001	100
Energy capability factor (hydro power)	Ø pond.		1996	n.a.
			2000	-
			2001	-
Consumption load at 3:00 a.m. on the 3 rd Wednesday	MW max.		1996	n.a.
			2000	4158
			2001	4394
Consumption load at 11:00 a.m. on the 3 rd Wednesday	MW max.		1996	n.a.
			2000	5250
			2001	5427
Peak load on the 3 rd Wednesday	MW max.		1996	n.a.
			2000	5543
			2001	5796
Power produced in parallel operation on the 3 rd Wednesday at 11:00 a.m.	MW max.		1996	n.a.
			2000	4745
			2001	5277

¹Terminology 2.15, see also note Physical energy exchange in interconnected operation

²Including deliveries from industry

Monthly values
Operation

MAGYARORSZAG

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.
1803	1621	1811	1616	1414	1410	1392	1637	1274	1511	1675	1732
1891	1601	1728	1637	1442	1444	1657	1553	1605	1532	1942	2109
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
1305	1233	1082	953	965	922	917	846	1228	1307	1273	1316
1311	1186	1154	1056	1046	1000	865	886	977	1298	1265	1246
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
19	11	9	4	21	23	17	16	14	14	14	15
17	14	5	9	20	16	17	19	14	20	12	16
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
3127	2865	2902	2573	2400	2355	2326	2499	2516	2832	2962	3063
3219	2801	2887	2702	2508	2460	2539	2458	2596	2850	3219	3371
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
255	237	326	215	383	397	469	347	273	173	188	175
224	233	314	255	371	294	371	389	310	303	60	51
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.
3382	3102	3228	2788	2783	2752	2795	2846	2789	3005	3150	3238
3443	3034	3201	2957	2879	2754	2910	2847	2906	3153	3279	3422
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
100	100	100	100	100	100	100	100	100	100	100	100
100	100	100	100	100	100	100	100	100	100	100	100
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.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
4158	4044	3787	3444	3381	3542	3291	3397	3552	3587	3772	4044
4236	4062	3819	3874	3510	3460	3441	3454	3668	3695	4154	4394
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
5250	5112	4083	4536	4550	4753	4428	4694	4798	4817	4866	5144
5374	5251	5261	4891	4678	4889	4775	4672	4930	5022	5387	5427
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
5531	5460	4569	4676	4659	4794	4549	4762	5014	5253	5504	5543
5573	5613	5547	5082	4769	4928	4898	4759	5282	5461	5709	5796
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
4726	4664	3720	3973	3935	4046	3580	4184	4493	4355	4375	4745
5016	4760	4783	4497	3836	4466	4207	3979	4285	4516	5179	5277

			I-XII	
Thermal conventional net production ³	GWh	Σ	1996 2000 2001	n.a. 141034 140515
Thermal nuclear net production ³	GWh	Σ	1996 2000 2001	n.a. 0 0
Hydraulic net production ³	GWh	Σ	1996 2000 2001	n.a. 3968 4057
Total net electrical energy production ³	GWh	Σ	1996 ² 2000 ² 2001 ²	n.a. 145002 144572
Total physical import / export balance ¹	GWh	Σ	1996 2000 2001	n.a. -6374 -6729
Consumption of pumps	GWh	Σ	1996 2000 2001	n.a. 2790 2602
National electrical consumption	GWh	Σ	1996 2000 2001	n.a. 135838 135241
National electrical consumption as percentage of total values	%Ø pond.		1996 2000 2001	n.a. 100 100
Energy capability factor (hydro power)	Ø pond.		1996 2000 2001	n.a. - -
Consumption load at 3:00 a.m. on the 3 rd Wednesday	MW max.		1996 2000 2001	n.a. 16930 17276
Consumption load at 11:00 a.m. on the 3 rd Wednesday	MW max.		1996 2000 2001	n.a. 20175 20529
Peak load on the 3 rd Wednesday	MW max.		1996 2000 2001	n.a. 21836 21996
Power produced in parallel operation on the 3 rd Wednesday at 11:00 a.m.	MW max.		1996 2000 2001	n.a. 21935 22410

¹Terminology 2.15, see also note Physical energy exchange in interconnected operation

²Including deliveries from industry

³Gross value

Monthly values
Operation

POLSKA

	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.
14120	12648	12952	10873	10260	10028	10225	10335	11180	12313	12686	13414	13797
13797	12338	13096	11191	10214	9942	10110	10143	10930	11982	12963	13809	
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.
328	404	466	472	340	263	273	319	262	265	243	333	323
323	325	409	397	335	325	382	323	332	314	300	292	
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.
14448	13052	13418	11345	10600	10291	10498	10654	11442	12578	12929	13747	14120
14120	12663	13505	11588	10549	10267	10492	10466	11262	12296	13263	14101	
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.
-725	-687	-561	-481	-309	-302	-306	-395	-618	-689	-657	-644	-635
-635	-689	-719	-393	-308	-324	-452	-402	-645	-604	-821	-737	
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.
262	222	237	227	229	214	189	217	229	245	206	313	263
263	247	271	233	207	193	194	171	191	209	201	222	
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.
13461	12143	12620	10637	10062	9775	10003	10042	10595	11644	12066	12790	13222
13222	11727	12515	10962	10034	9750	9846	9893	10426	11483	12241	13142	
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.
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
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.
-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-
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.
15985	15596	15258	13113	13594	13499	12862	11603	14481	14504	15532	16930	17276
17276	17036	16852	15251	13414	13329	13000	12162	14208	14429	16268	17001	
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.
20175	19648	19063	16376	15985	15920	15729	15370	17847	17522	18478	19984	20529
20529	19890	18954	17608	15836	16031	15490	12035	16903	17481	19450	20286	
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.
21836	20679	20544	17526	16408	15887	15503	16238	19150	19366	20395	21764	21996
21984	20587	20349	18384	16374	16188	15542	13623	18688	19080	21171	21996	
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.
21935	19648	20365	17624	17316	17337	16748	16601	19517	19454	20412	21807	22261
22261	21866	20729	19067	17171	17383	17033	13324	18823	19221	21624	22410	

Physical exchanges in interconnected operation¹

POLSKA | GWh

MM_YY	PL→D	PL→CZ	PL→SK	PL→S	PL→UA	PL_UCTE_EXP	PL_III_EXP	PL_CENTREL_EXP	D→PL	CZ→PL	SK→PL	S→PL	UA→PL	PL_UCTE_IMP	PL_III_IMP	PL_CENTREL_IMP	PL_UCTE_SLD	PL_III_SLD	PL_CENTREL_SLD	Balance		
																				Export (-)		
I.96	187	n.a.	n.a.	0	n.a.	187	n.a.	n.a.	0	n.a.	n.a.	0	n.a.	0	n.a.	n.a.	-187	n.a.	n.a.			
II.96	159	n.a.	n.a.	0	n.a.	159	n.a.	n.a.	0	n.a.	n.a.	0	n.a.	0	n.a.	n.a.	-159	n.a.	n.a.			
III.96	125	n.a.	n.a.	0	n.a.	125	n.a.	n.a.	0	n.a.	n.a.	0	n.a.	0	n.a.	n.a.	-125	n.a.	n.a.			
IV.96	129	n.a.	n.a.	0	n.a.	129	n.a.	n.a.	0	n.a.	n.a.	0	n.a.	0	n.a.	n.a.	-129	n.a.	n.a.			
V.96	169	n.a.	n.a.	0	n.a.	169	n.a.	n.a.	0	n.a.	n.a.	0	n.a.	0	n.a.	n.a.	-169	n.a.	n.a.			
VI.96	157	n.a.	n.a.	0	n.a.	157	n.a.	n.a.	0	n.a.	n.a.	0	n.a.	0	n.a.	n.a.	-157	n.a.	n.a.			
VII.96	124	n.a.	n.a.	0	n.a.	124	n.a.	n.a.	0	n.a.	n.a.	0	n.a.	0	n.a.	n.a.	-124	n.a.	n.a.			
VIII.96	64	n.a.	n.a.	0	n.a.	64	n.a.	n.a.	0	n.a.	n.a.	0	n.a.	0	n.a.	n.a.	-64	n.a.	n.a.			
IX.96	66	n.a.	n.a.	0	n.a.	66	n.a.	n.a.	0	n.a.	n.a.	0	n.a.	0	n.a.	n.a.	-66	n.a.	n.a.			
X.96	114	n.a.	n.a.	0	n.a.	114	n.a.	n.a.	0	n.a.	n.a.	0	n.a.	0	n.a.	n.a.	-114	n.a.	n.a.			
XI.96	147	n.a.	n.a.	0	n.a.	147	n.a.	n.a.	0	n.a.	n.a.	0	n.a.	0	n.a.	n.a.	-147	n.a.	n.a.			
XII.96	127	n.a.	n.a.	0	n.a.	127	n.a.	n.a.	0	n.a.	n.a.	0	n.a.	0	n.a.	n.a.	-127	n.a.	n.a.			
1996	1568	n.a.	n.a.	0	n.a.	1568	n.a.	n.a.	0	n.a.	n.a.	0	n.a.	0	n.a.	n.a.	-1568	n.a.	n.a.			
I.00	12	844	191	0	0	12	0	1035	248	3	0	0	72	248	72	3	236	72	-1032			
II.00	34	731	144	0	0	34	0	875	160	4	0	0	57	160	57	4	126	57	-871			
III.00	57	578	141	0	0	57	0	719	138	8	0	0	68	138	68	8	81	68	-711			
IV.00	60	503	81	0	0	60	0	584	119	8	1	0	33	119	33	9	59	33	-575			
V.00	40	431	68	11	0	40	11	499	155	10	2	26	47	155	73	12	115	62	-487			
VI.00	15	481	118	12	0	15	12	599	236	6	0	16	65	236	81	6	221	69	-593			
VII.00	15	448	143	0	0	15	0	591	241	6	0	0	52	241	52	6	226	52	-585			
VIII.00	35	525	96	0	0	35	0	621	224	8	0	0	47	224	47	8	189	47	-613			
IX.00	64	553	232	0	0	64	0	785	190	3	0	0	41	190	41	3	126	41	-782			
X.00	127	643	171	3	0	127	3	814	93	5	0	65	52	93	117	5	-34	114	-809			
XI.00	123	739	157	0	0	123	0	896	88	1	0	161	53	88	214	1	-35	214	-895			
XII.00	107	745	160	0	0	107	0	905	112	3	0	154	39	112	193	3	5	193	-902			
2000	689	7221	1702	26	0	689	26	8923	2004	65	3	422	626	2004	1048	68	1315	1022	-8855			
I.01	51	838	194	19	0	51	19	1032	162	4	0	158	60	162	218	4	111	199	-1028			
II.01	92	760	173	0	0	92	0	933	81	4	0	142	53	81	195	4	-11	195	-929			
III.01	134	735	166	0	0	134	0	901	87	12	0	101	58	87	159	12	-47	159	-889			
IV.01	137	463	119	0	0	137	0	582	84	17	0	129	49	84	178	17	-53	178	-565			
V.01	133	388	139	0	0	133	0	527	108	1	0	151	43	108	194	1	-25	194	-526			
VI.01	120	394	132	0	0	120	0	526	104	0	1	140	32	104	172	1	-16	172	-525			
VII.01	104	520	167	0	0	104	0	687	112	0	1	136	50	112	186	1	8	186	-686			
VIII.01	53	592	152	0	0	53	0	744	167	6	0	140	49	167	189	6	114	189	-738			
IX.01	104	633	209	0	0	104	0	842	96	8	0	117	45	96	162	8	-8	162	-834			
X.01	37	802	184	0	0	37	0	986	165	5	0	157	52	165	209	5	128	209	-981			
XI.01	147	814	207	0	0	147	0	1021	60	3	0	180	46	60	226	3	-87	226	-1018			
XII.01	80	879	182	0	0	80	0	1061	90	3	0	148	52	90	200	3	10	200	-1058			
2001	1192	7818	2024	19	0	1192	19	9842	1316	63	2	1699	589	1316	2288	65	124	2269	-9777			

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 operation¹

MM_Y Y	SK→CZ	SK→H	SK→PL	SK→UA	SK_UCTE_EXP	SK_III_EXP	SK_CENTREL_EXP	CZ→SK	H→SK	PL→SK	UA→SK	SK_UCTE_IMP	SK_III_IMP	SK_CENTREL_IMP	SK_UCTE_SLD	SK_III_SLD	SK_CENTREL_SLD
	Export (-)							Import (+)							Balance		
I.96	n.a.	n.a.	n.a.	n.a.	0	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	0	n.a.	n.a.	0	n.a.	n.a.
II.96	n.a.	n.a.	n.a.	n.a.	0	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	0	n.a.	n.a.	0	n.a.	n.a.
III.96	n.a.	n.a.	n.a.	n.a.	0	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	0	n.a.	n.a.	0	n.a.	n.a.
IV.96	n.a.	n.a.	n.a.	n.a.	0	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	0	n.a.	n.a.	0	n.a.	n.a.
V.96	n.a.	n.a.	n.a.	n.a.	0	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	0	n.a.	n.a.	0	n.a.	n.a.
VI.96	n.a.	n.a.	n.a.	n.a.	0	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	0	n.a.	n.a.	0	n.a.	n.a.
VII.96	n.a.	n.a.	n.a.	n.a.	0	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	0	n.a.	n.a.	0	n.a.	n.a.
VIII.96	n.a.	n.a.	n.a.	n.a.	0	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	0	n.a.	n.a.	0	n.a.	n.a.
IX.96	n.a.	n.a.	n.a.	n.a.	0	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	0	n.a.	n.a.	0	n.a.	n.a.
X.96	n.a.	n.a.	n.a.	n.a.	0	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	0	n.a.	n.a.	0	n.a.	n.a.
XI.96	n.a.	n.a.	n.a.	n.a.	0	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	0	n.a.	n.a.	0	n.a.	n.a.
XII.96	n.a.	n.a.	n.a.	n.a.	0	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	0	n.a.	n.a.	0	n.a.	n.a.
1996	n.a.	n.a.	n.a.	n.a.	0	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	0	n.a.	n.a.	0	n.a.	n.a.
I.00	112	604	0	32	0	32	716	527	0	191	23	0	23	718	0	-9	2
II.00	87	647	0	5	0	5	734	369	0	144	40	0	40	513	0	35	-221
III.00	83	609	0	10	0	10	692	330	0	141	45	0	45	471	0	35	-221
IV.00	86	595	1	0	0	0	682	235	0	81	78	0	78	316	0	78	-366
V.00	109	629	2	1	0	1	740	316	0	68	49	0	49	384	0	48	-356
VI.00	93	541	0	44	0	44	634	333	0	118	11	0	11	451	0	-33	-183
VII.00	86	701	0	14	0	14	787	530	0	143	30	0	30	673	0	16	-114
VIII.00	102	635	0	16	0	16	737	449	0	96	52	0	52	545	0	36	-192
IX.00	60	725	0	22	0	22	785	369	0	232	9	0	9	601	0	-13	-184
X.00	119	559	0	27	0	27	678	214	0	171	11	0	11	385	0	-16	-293
XI.00	183	576	0	14	0	14	759	254	0	157	22	0	22	411	0	8	-348
XII.00	152	728	0	20	0	20	880	340	0	160	20	0	20	500	0	0	-380
2000	1272	7549	3	205	0	205	8824	4266	0	1702	390	0	390	5968	0	185	-2856
I.01	128	712	0	1	0	1	840	387	0	194	44	0	44	581	0	43	-259
II.01	104	642	0	1	0	1	746	334	0	173	46	0	46	507	0	45	-239
III.01	95	604	0	12	0	12	699	308	0	166	27	0	27	474	0	15	-225
IV.01	68	550	0	16	0	16	618	250	0	119	9	0	9	369	0	-7	-249
V.01	78	633	0	18	0	18	711	277	0	139	13	0	13	416	0	-5	-295
VI.01	104	608	1	78	0	78	713	340	0	132	13	0	13	472	0	-65	-241
VII.01	140	670	1	41	0	41	811	335	0	167	14	0	14	502	0	-27	-309
VIII.01	61	757	0	14	0	14	818	355	0	152	18	0	18	507	0	4	-311
IX.01	64	661	0	6	0	6	725	245	0	209	20	0	20	454	0	14	-271
X.01	82	822	0	17	0	17	904	336	0	184	17	0	17	520	0	0	-384
XI.01	152	802	0	1	0	1	954	270	0	207	64	0	64	477	0	63	-477
XII.01	134	853	0	13	0	13	987	273	0	182	44	0	44	455	0	31	-532
2001	1210	8314	2	218	0	218	9526	3710	0	2024	329	0	329	5734	0	111	-3792

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

			I-XII	
			1996	n.a.
Thermal conventional net production	GWh	Σ	2000	8517
			2001	9138
Thermal nuclear net production	GWh	Σ	1996	n.a.
			2000	15175
			2001	15742
Hydraulic net production	GWh	Σ	1996	n.a.
			2000	5026
			2001	4863
Total net electrical energy production	GWh	Σ	1996 ²	n.a.
			2000 ²	28718
			2001 ²	29743
Total physical import / export balance ¹	GWh	Σ	1996	n.a.
			2000	-2673
			2001	-3678
Consumption of pumps	GWh	Σ	1996	n.a.
			2000	392
			2001	258
National electrical consumption	GWh	Σ	1996	n.a.
			2000	25653
			2001	25807
National electrical consumption as percentage of total values	%Ø pond.		1996	n.a.
			2000	100
			2001	100
Energy capability factor (hydro power)	Ø pond.		1996	n.a.
			2000	1,12
			2001	1,10
Consumption load at 3:00 a.m. on the 3 rd Wednesday	MW max.		1996	n.a.
			2000	3509
			2001	3684
Consumption load at 11:00 a.m. on the 3 rd Wednesday	MW max.		1996	n.a.
			2000	3980
			2001	4108
Peak load on the 3 rd Wednesday	MW max.		1996	n.a.
			2000	4149
			2001	4264
Power produced in parallel operation on the 3 rd Wednesday at 11:00 a.m.	MW max.		1996	n.a.
			2000	4393
			2001	4680

¹Terminology 2.15, see also note Physical energy exchange in interconnected operation²Including deliveries from industry

Monthly values
Operation

SLOVENSKO

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.
1122	842	796	645	670	526	466	490	524	717	768	951
1007	865	880	780	645	610	561	481	550	773	921	1065
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
1192	1239	1164	955	1016	1248	1169	1171	1358	1490	1567	1606
1384	1238	1190	1089	1111	1144	1144	1341	1318	1495	1612	1676
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
328	496	672	727	543	349	374	411	273	275	284	294
358	347	508	487	462	442	511	393	394	314	294	353
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
2642	2577	2632	2327	2229	2123	2009	2072	2155	2482	2619	2851
2749	2450	2578	2356	2218	2196	2216	2215	2262	2582	2827	3094
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
-7	-186	-187	-289	-308	-216	-98	-156	-196	-309	-340	-381
-215	-194	-211	-255	-300	-305	-335	-308	-257	-383	-414	-501
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	31	34	35	24	25	33	29	39	42	40	40
23	16	20	13	23	8	7	30	29	30	34	25
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
2615	2360	2411	2003	1897	1882	1878	1887	1920	2131	2239	2430
2511	2240	2347	2088	1895	1883	1874	1877	1976	2169	2379	2568
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
100	100	100	100	100	100	100	100	100	100	100	100
100	100	100	100	100	100	100	100	100	100	100	100
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
0,82	1,79	1,81	1,50	1,02	0,78	0,88	1,12	0,76	0,90	0,91	0,80
1,08	1,00	1,28	1,01	0,92	1,23	1,46	0,99	1,41	0,89	0,81	0,98
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
3509	3385	3239	2670	2545	2650	2572	2511	2648	2716	2977	3359
3484	3381	3080	3003	2559	2588	2459	2538	2771	2835	3377	3684
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
3980	3807	3592	2960	2985	3108	3007	3085	3283	3210	3556	3793
3942	3845	3557	3256	2993	3150	2976	3002	3210	3382	3800	4108
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
4112	4018	3879	3227	3095	3187	3033	3156	3414	3542	3829	4149
4083	3974	3837	3464	3085	3223	3046	3152	3512	3662	4084	4264
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
3972	4173	3897	3507	3415	3451	3295	3352	3539	3627	4152	4393
4261	4238	3806	3550	3519	3574	3473	3453	3572	3817	4406	4680

			I-XII	
Thermal conventional net production	GWh	Σ	1996 2000 2001	n.a 221175 222339
Thermal nuclear net production	GWh	Σ	1996 2000 2001	n.a 41231 42810
Hydraulic net production	GWh	Σ	1996 2000 2001	n.a 11475 11555
Total net electrical energy production	GWh	Σ	1996 ² 2000 ² 2001 ²	n.a 273881 276704
Total physical import / export balance ¹	GWh	Σ	1996 2000 2001	n.a -15627 -16768
Consumption of pumps	GWh	Σ	1996 2000 2001	n.a. 3931 3414
National electrical consumption	GWh	Σ	1996 2000 2001	n.a. 254323 256522
National electrical consumption as percentage of total values	%Ø pond.		1996 2000 2001	- - -
Energy capability factor (hydro power)	Ø pond.		1996 2000 2001	- - -
Consumption load at 3:00 a.m. on the 3 rd Wednesday	MW max.		1996 2000 2001	n.a. 31431 32986
Consumption load at 11:00 a.m. on the 3 rd Wednesday	MW max.		1996 2000 2001	n.a. 38011 38911
Peak load on the 3 rd Wednesday	MW max.		1996 2000 2001	n.a. 40223 41291
Power produced in parallel operation on the 3 rd Wednesday at 11:00 a.m.	MW max.		1996 2000 2001	n.a. 41364 42759

¹Terminology 2.15, see also note Physical energy exchange in interconnected operation²Including deliveries from industry

Monthly values
Operation

CENTREL

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.
22243	19699	20599	17325	16281	15839	15750	16415	17180	19006	19829	21009
21984	19429	20687	18315	16547	16107	15971	15856	16978	18217	20688	21560
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
3698	3638	3319	2845	2937	3064	3126	2967	3472	3940	4049	4176
3951	3554	3498	3070	3109	3042	2974	3307	3407	4356	4086	4456
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
806	1159	1498	1508	1088	775	807	905	690	723	714	802
845	881	1179	1182	1032	937	1056	907	963	852	836	885
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
26747	24496	25416	21678	20306	19678	19683	20287	21342	23669	24592	25987
26780	23864	25364	22567	20688	20086	20001	20070	21348	23425	25610	26901
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
-1153	-1364	-1409	-1469	-1083	-905	-797	-1085	-1401	-1703	-1634	-1624
-1378	-1377	-1424	-1371	-1303	-1256	-1165	-1063	-1338	-1461	-1909	-1723
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
334	294	314	303	314	303	301	328	342	354	316	428
331	311	342	281	268	247	251	245	262	291	288	297
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
25260	22838	23693	19906	18909	18470	18585	18874	19599	21612	22642	23935
25071	22176	23598	20915	19117	18583	18585	18762	19748	21673	23413	24881
-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
31164	30047	29239	25002	24781	24927	23718	22695	26204	26557	28716	31431
32986	31753	30790	28793	24928	24834	23846	23223	26551	26758	30976	32755
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
38011	36840	34889	30812	30178	30488	29645	29870	33213	32969	34743	37219
38786	37599	36054	33572	30243	30838	29639	26434	32370	33278	37521	38911
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
40223	38512	37291	32431	30852	30593	29566	30893	34942	35695	38142	40177
41249	39378	38600	35170	31076	31197	29998	28385	34935	35897	40135	41291
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
41227	38795	38588	34496	33208	33779	32400	33028	36636	36884	39025	41364
42293	41570	39457	37375	33662	34458	32579	29025	35780	36781	42050	42759

			I-XII	
Thermal conventional net production	GWh	Σ	1996	n.a
			2000	1093050
			2001	1128649
Thermal nuclear net production	GWh	Σ	1996	n.a
			2000	733340
			2001	744350
Hydraulic net production	GWh	Σ	1996	n.a
			2000	305092
			2001	332584
Total net electrical energy production	GWh	Σ	1996 ²	n.a
			2000 ²	2131482
			2001 ²	2205583
Total physical import / export balance ¹	GWh	Σ	1996	n.a
			2000	-6284
			2001	-3513
Consumption of pumps	GWh	Σ	1996	n.a.
			2000	38918
			2001	37996
National electrical consumption	GWh	Σ	1996	n.a.
			2000	2087108
			2001	2164074
National electrical consumption as percentage of total values	%Ø pond.		1996	-
			2000	-
			2001	-
Energy capability factor (hydro power)	Ø pond.		1996	-
			2000	-
			2001	-
Consumption load at 3:00 a.m. on the 3 rd Wednesday	MW max.		1996	n.a.
			2000	224705
			2001	252486
Consumption load at 11:00 a.m. on the 3 rd Wednesday	MW max.		1996	n.a.
			2000	309772
			2001	335714
Peak load on the 3 rd Wednesday	MW max.		1996	n.a.
			2000	327312
			2001	349467
Power produced in parallel operation on the 3 rd Wednesday at 11:00 a.m.	MW max.		1996	n.a.
			2000	322071
			2001	341091

¹Terminology 2.15, see also note Physical energy exchange in interconnected operation

²Including deliveries from industry

Monthly values
Operation

UCTE + CENTREL

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.
108898	100804	102225	86120	78318	80671	85134	82533	88689	91563	94231	93864
103588	93138	97798	86954	84775	83375	86903	82854	88942	97033	108125	115164
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
67146	61609	63697	57956	57794	55465	58049	56056	58884	63323	64935	68426
70688	61555	63097	58791	56009	54823	57802	58470	60857	65042	66118	71098
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
24719	22019	23513	25726	32651	27172	24488	22995	20312	24483	27582	29432
32915	28925	34518	31952	34139	30319	29985	25325	22462	21672	20196	20176
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
200763	184432	189435	169802	168763	163308	167671	161584	167885	179369	186748	191722
207191	183618	195413	177697	174923	168517	174690	166649	172261	183747	194439	206438
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
-299	-687	-629	-750	-1052	-1062	-808	-2223	-319	344	440	761
557	130	-998	-1092	-950	-1720	-1802	-1267	34	94	1523	1978
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
3106	3005	3191	3441	3549	2835	2920	2931	3101	3391	3521	3927
3662	2789	3308	2936	3267	2912	2891	2946	3081	3366	3165	3673
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
197815	180740	185615	165611	164162	159411	163943	156430	164836	176322	183667	188556
204086	180959	191107	173669	170706	163885	169997	162436	169214	180475	192797	204743
-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
224705	218633	208295	198111	182001	188251	185655	164021	187001	198684	218318	224123
237776	232042	215438	209175	186943	191336	189604	171891	195413	198251	235543	252486
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
306825	300455	282789	280123	266796	277622	267911	242297	276331	284319	299882	309772
319761	304631	295118	289903	275849	275871	276453	223667	289267	285831	314923	335714
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
320940	311638	296393	285667	272232	282962	273171	254933	282278	292852	313735	327312
329938	315049	303444	298615	279717	285378	281754	239235	291935	294912	337002	349467
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
318013	310337	295760	291976	284035	294391	282389	257309	288351	297550	314497	322071
329883	315252	308437	305970	288386	294992	290182	241369	294550	298781	326958	341091

Year	IMPORTING COUNTRIES																			UCTE	CZ	H	PL	SK	CEN TREL	III	TOTAL Export
	B	D	E	F	GR	I	SLO	HR	BiH	JIEL	L	NL	A	P	CH												
1996				1274							1376	2799					5449										5449
B 2000				201							1967	5150					7318										7318
2001				205							2007	4487					6699										6699
1996				32							4126	13766	6751		9150		33825	1475		4034		5509	2464			41798	
D 2000				226							4441	17798	7246		10101		39812	231		2004		2235	551			42598	
2001				229							4522	17009	7177		10095		39032	199		1316		1515	3408			43955	
1996				1664											4030		5694							0		5694	
E 2000				587											4597		5184							2261		7445	
2001				1174											3629		4803							1577		6380	
1996	5458	16683	3763					17791								11032	54727							16626		71353	
F 2000	8393	15201	8479					16142									9357	57572						14362		71934	
2001	11515	14575	6719					18198									9330	60337						10827		71164	
1996								0									858							457		1315	
GR 2000								0									422							1124		1546	
2001								6									61							1000		1061	
1996				228	0			507						0		20	755									755	
I 2000				393	0			73						0		10	476									476	
2001				425	14			66						0		42	547									547	
1996								1448							151		n.a.									n.a.	
SLO 2000								4509							21		6985									6985	
2001								5133							62		8461									8461	
1996								n.a.									n.a.			17		17				n.a.	
HR 2000								2326									2478			0		0				2478	
2001								3581									5349			3		3				5352	
1996								n.a.									n.a.									n.a.	
BiH 2000								31									2718									2718	
2001								586									4021									4021	
1996					1865						0						1865			53		53	704			2622	
JIEL 2000					617						128	961					1706			0		0	880			2586	
2001					1139						0	695					1834			0		0	1331			3165	
1996		0	809														809									809	
L 2000		0	737														737									737	
2001		382	745														1127									1127	
1996		4137	1641														5778									5778	
NL 2000		3132	897														4029									4029	
2001		3802	406														4208									4208	
1996			3364					1423	1319								8132	37	681		718				8850		
A 2000			5608					1946	3237								14952	1	425		426				15378		
2001			5961					1863	3027								14492	2	231		233				14725		
1996				3005													3005									3005	
P 2000				3765													3765									3765	
2001				3479													3479									3479	
1996			4571		137			17471						371			22550									22550	
CH 2000			5150		1652			22335						214			29351									29351	
2001			6348		1606			23826						729			32509									32509	

UCTE + CENTREL Annual physical electricity exchange in interconnected operation (GWh)

UCTE	1996	9595	27068	6768	3335	1865	38133	n.a.	n.a.	n.a.	858	5502	16565	7273	4030	22228	143220	1512	751	4034		6297	20283	169800
	2000	11525	27593	12244	3059	617	44932	5636	2614	1113	3109	6408	22948	7481	4597	23629	177505	232	425	2004		2661	19178	199344
	2001	15699	28035	10198	3639	1153	49026	6674	3852	2462	3491	6529	21496	7968	3629	23108	186959	201	234	1316		1748	18143	206850
CZ	1996		2953														5180			n.a.	n.a.	n.a.		n.a.
	2000		8932														14412			65	4266	4331		18743
	2001		9261														14991			63	3710	3773		18764
H	1996								73	291							1061				n.a.	n.a.	n.a.	n.a.
	2000								4471	766							6079				0	0	4	6083
	2001								4693	1275							7135				0	0	94	7229
PL	1996		1568														1568	n.a.			n.a.	n.a.	n.a.	n.a.
	2000		689														689	7221			1702	8923	26	9638
	2001		1192														1192	7818			2024	9842	19	11053
SK	1996																	n.a.	n.a.	n.a.		n.a.	n.a.	n.a.
	2000																	1272	7549	3		8824	205	9029
	2001																	1210	8314	2		9526	218	9744
CENTREL	1996		4521						73	291							7809	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	2000		9621						4471	766							21180	8493	7549	68	5968	22078	235	43493
	2001		10453						4693	1275							23318	9028	8314	65	5734	23141	331	46790
III	1996		3714	0	3	799					1950						6466		n.a.	n.a.	n.a.	n.a.		n.a.
	2000		6942	0	0	1114					1821						9877		1548	1048	390	2986		12863
	2001		5478	0	203	2417					2630						10728		1856	2288	329	4473		15201
TOTAL Import	1996	9595	35303	6768	3338	2664	38133	n.a.	n.a.	n.a.	3099	5502	16565	10197	4030	22228	157422							
	2000	11525	44156	12244	3059	1731	44932	5636	7085	1113	5696	6408	22948	13803	4597	23629	208562							
	2001	15699	43966	10198	3842	3570	49026	6674	8545	2462	7396	6529	21496	14865	3629	23108	221005							
Saldo UCTE	1996	4146	-6757	1074	-51392	1007	37378	n.a.	n.a.	n.a.	-1007	4693	10787	-859	1025	-322								
	2000	4207	-12219	7060	-54513	195	44456	-1349	136	-1605	1403	5671	18919	-7471	832	-5722								
	2001	9000	-10997	5395	-56698	1092	48479	-1787	-1497	-1559	1657	5402	17288	-6524	150	-9401								
Saldo TOTAL	1996	4146	-6495	1074	-68015	1349	37378	n.a.	n.a.		477	4693	10787	1347	1025	-322								
	2000	4207	1558	4799	-68875	185	44456	-1349	4607	-1605	3110	5671	18919	-1575	832	-5722								
	2001	9000	11	3818	-67322	2509	48479	-1787	3193	-1559	4231	5402	17288	140	150	-9401								