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Yearly values operation and physical exchanges

Yearly values operation and physical exchanges per country for the years 2005, 2009 and 2010

Statistical database as of 31 August 2011

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¹ Yearly values operation are available from the year 2009 on. Exchanges with "Other" are imports and exports between the ENTSO-E member TSOs' countries and Albania (AL), Belarus (BY), Morocco (MA), Republic of Moldavia (MD), Russia (RU), Republic of Turkey (TR) and Ukraine (UA).

Detailed monthly information are available on the ENTSO-E website www.entsoe.eu/Resources.

² Yearly values before the year 2007 are data of the whole country Serbia&Montenegro (CS) and available on the ENTSO-E website.

³ FYROM = Former Yugoslav Republic of Macedonia

⁴ Generation and load values are operational data.

⁵ Ukraine West represents the so-called Burshtyn Island synchronously interconnected with ENTSO-E area.

Sum of ENTSO-E

Yearly values / Operation

Thermal nuclear net generation	GWh	Σ	2005	n.a.
			2009	877029
			2010	896054
Fossil fuels net generation	GWh	Σ	2005	n.a.
			2009	1595133
			2010	1649195
Hydraulic net generation	GWh	Σ	2005	n.a.
			2009	540164
			2010	584343
Other renewable net generation	GWh	Σ	2005	n.a.
			2009	210815
			2010	248789
- of which wind	GWh	Σ	2005	n.a.
			2009	121763
			2010	138271
- of which solar	GWh	Σ	2005	n.a.
			2009	14921
			2010	21220
Non-identifiable net generation	GWh	Σ	2005	n.a.
			2009	12996
			2010	11818
Total net generation calculated to represent 100% of the national values	GWh	Σ	2005	n.a.
			2009 ¹	3236238
			2010 ¹	3408428
Sum of physical imports	GWh	Σ	2005	n.a.
			2009	352035
			2010	367285
Sum of physical exports	GWh	Σ	2005	n.a.
			2009	341252
			2010	351727
Total exchange balance	GWh	Σ	2005	n.a.
			2009	n.a.
			2010	16989
Consumption of pumps	GWh	Σ	2005	n.a.
			2009	n.a.
			2010	44953
National electrical consumption, calculated to represent 100% of the national values	GWh	Σ	2005	n.a.
			2009	3236796
			2010	3380485
Consumption load 3:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	2005	n.a.
			2009	n.a.
			15.12.10	399606
Consumption load 11:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	2005	n.a.
			2009	n.a.
			15.12.10	530075
Highest load on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	2005	n.a.
			2009	n.a.
			15.12.10	557280
Time of highest load on the 3rd Wednesday		CET	2005	n.a.
			2009	n.a.
			15.12.10	18:00

¹Including deliveries from industry

Year		IMPORTING COUNTRIES																
		AT	BA	BE	BG	CH	CZ	DE	DK	EE	ES	FI	FR	GB	GR	HR	HU	IE
EXPORTING COUNTRIES	AT	2005				9119	12	6995										809
		2009				8653	262	7061										1393
		2010				7915	252	6750										1014
		BA	2005														2735	
			2009														3280	
			2010														4927	
		BE	2005										2222					
			2009										6630					
			2010										5402					
		BG	2005												4553			
			2009												3418			
			2010												3453			
		CH	2005	211				1573					2637					
			2009	24				2636					4164					
			2010	53				2581					5120					
		CZ	2005	6114				13022										
			2009	6859				8687										
			2010	6545				9400										
		DE	2005	15371			18074	405		583								
			2009	14956			13142	965		3615			494					
			2010	14705			14553	564		6471			755					
		DK	2005					10383										
			2009					6232										
			2010					2707										
		EE	2005									n.a.						
			2009									1786						
			2010									1957						
		ES	2005										749					
			2009										2351					
			2010										3512					
		FI	2005							n.a.								
			2009							87								
			2010							246								
	FR	2005			6755	9974	16233		7284				11509					
		2009			1709	8311	10607		3957				6889					
		2010			3048	9679	15126		1991				7136					
	GB	2005										791						
		2009										3358						
		2010										4109						
	GR	2005				0												
		2009				0												
		2010				1												
	HR	2005		1340													0	
		2009		974													8	
		2010		1108													93	
	HU	2005	857													6689		
		2009	240													3310		
		2010	641													3045		
	IE	2005																
		2009																
		2010																
	IT	2005	2			131						702		268				
		2009	0			510						1215		314				
		2010	2			493						1012		72				
	LT	2005																
		2009																
		2010																
	LU	2005			2368		785											
		2009			1868		728											
		2010			1847		1361											
	LV	2005							n.a.									
		2009							497									
		2010							38									
	ME	2005		294														
		2009		628														
		2010																
	MK	2005				0								796				
		2009				0								3811				
		2010				0								3857				
	NI	2005											n.a.				n.a.	
		2009											14				997	
		2010											0				744	
	NL	2005			5075		325											
		2009			5789		3510											
		2010			7392		3072											
	NO	2005						4711			164							
		2009						3828			113							
		2010						1458			115							
	PL	2005					11165	1046										
		2009					6806	135										
		2010					5500	167										
	PT	2005									2806							
		2009									2819							
		2010									3190							
	RO	2005				797										1190		
		2009				2618										587		
		2010				1106										1252		
	RS	2005		911		4										4138	16	
		2009		1571		46										1707	75	
		2010		1319		58										1740	544	
	SE	2005						3100	2317			7193						
		2009						968	667			1855						
		2010						1007	2656			2636						
	SI	2005	533													1076		
		2009	470													3574		
		2010	584													2647		
	SK	2005					762										8806	
		2009					141										6000	
		2010					366										4934	
	UA_W	2005															4814	
		2009															2908	
		2010															2060	
	Other	2005				0			n.a.	111	n.a.				15			
		2009				0			2642	8	11708				61			
		2010				13			1459	33	11636				1141			
	Sum of import	2005	23088	2251	14198	801	37298	12344	53462	7611	n.a.	10201	n.a.	7595	n.a.	5632	14638	15635
		2009	22549	2839	9366	2664	30616	8234	40564	8110	3226	6784	15462	n.a.	7604	11871	10971	n.a.
	</																	

Annual physical electricity exchange in interconnected operation (GWh)

IT	LT	LU	LV	ME	MK	NI	NL	NO	PL	PT	RO	RS	SE	SI	SK	UA_W	Other	Sum of export
1497 1198 1328														1341 2527 2011				19773 21094 19270
				2195 1597								893 361 362						3628 5836 6886
		1374 911 1123					4433 3773 5318											8029 11314 11843
					334 2802 2953						730 230 677	2760 1184 1794					0 0 401	8377 7634 9278
25407 24958 23176																		29828 31782 30930
									63 129 136						5772 6557 5498			24971 22232 21579
		5033 5115 6159					19260 8670 8942		2266 5616 5334				437 1189 2355					61923 54906 59878
								466 1449 4055					399 1985 4978					11248 9666 11740
		n.a. 1138 2695															n.a. 205 285	n.a. 3129 4947
										9477 7439 5667							898 4598 3938	11124 14388 13117
								131 128 162						1394 3162 5470				n.a. 3377 5878
14493 11808 11583																		66248 43281 48563
						n.a. 1992 2299												n.a. 5350 6408
711 2184 2299					71 6 8												1056 1034 493	1838 3224 2801
												2 0 14		7944 5196 6480				9286 6178 7696
											146 307 146	1693 1365 392		0 0 56	26 241 426			9411 5463 4706
						n.a. 216 293												n.a. 216 293
														0 60 120				1103 2099 1699
			n.a. 3066 234														n.a. 4649 1951	n.a. 7715 2185
																		3153 2596 3208
	n.a. 1495 3055																n.a. 611 8	n.a. 2603 3101
												893 1450					614 305	1801 2383
												1 3 0						797 3814 3857
																		n.a. 1011 744
								1257 2347										5400 10556 12811
							2814 1329						10816 7896 3691				0 0 0	15691 14653 6593
													1182 254 494	2792 2338 1498			0 0 0	16185 9539 7659
																		2806 2819 3190
												2503 1648 1968				30 3 381	0 0 0	4520 4856 4707
				852 511	1990 2330 2309						33 55 74						193 103 149	7285 6739 6704
							2836 2648 7668	817 1394 761										16263 7532 14728
7931 6799 7513									0 64 83								1722 1477 912	9540 10843 10744
											683 1390 526				4 101 290			5501 4389 2876
	n.a. 3287 5122		n.a. 54 1044	47 225			215 227 209	1859 199 0			14 411 368	711 425 1047						
50039 46947 45899	n.a. 4782 8177	6407 6026 7282	n.a. 4258 3973	3094 2333	2395 5138 5270	n.a. 2208 2592	23693 15457 15589	3648 5709 14441	5005 7404 6314	9477 7439 5667	1606 2383 1791	8563 5879 7027	14228 14488 16988	9285 7783 8611	8568 8996 7342	1778 1721 1719		

Thermal nuclear net generation	GWh	Σ	2005	0
			2009	0
			2010	0
Fossil fuels net generation	GWh	Σ	2005	24068
			2009	20686
			2010	24638
Hydraulic net generation	GWh	Σ	2005	35511
			2009	38627
			2010	36496
Other renewable net generation ¹	GWh	Σ	2005	n.a.
			2009	n.a.
			2010	n.a.
- of which wind ¹	GWh	Σ	2005	n.a.
			2009	n.a.
			2010	n.a.
- of which solar ¹	GWh	Σ	2005	n.a.
			2009	n.a.
			2010	n.a.
Non-identifiable net generation	GWh	Σ	2005	3796
			2009	9495
			2010	9551
Total net generation calculated to represent 100% of the national values	GWh	Σ	2005	63800
			2009	68808
			2010	70685
Sum of physical imports	GWh	Σ	2005	23088
			2009	22549
			2010	22530
Sum of physical exports	GWh	Σ	2005	19773
			2009	21094
			2010	19270
Total exchange balance	GWh	Σ	2005	2651
			2009	789
			2010	2203
Consumption of pumps	GWh	Σ	2005	3277
			2009	3962
			2010	4564
National electrical consumption, calculated to represent 100% of the national values	GWh	Σ	2005	63174
			2009	65635
			2010	68324
Consumption load 3:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	16.02.05	7762
			16.12.09	7144
			15.12.10	7935
Consumption load 11:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	19.01.05	10323
			16.12.09	10490
			15.12.10	10351
Highest load on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	19.01.05	10521
			16.12.09	10821
			15.12.10	10755
Time of highest load on the 3rd Wednesday		CET	19.01.05	18:00
			16.12.09	17:00
			15.12.10	17:00

¹ Other renewable net generation is included in non-identifiable net generation.

MM_YY	Export (-)							Import (+)							Total_IMP - Total_EXP
	AT→CH	AT→CZ	AT→DE	AT→HU	AT→IT	AT→SI	Total_EXP	CH→AT	CZ→AT	DE→AT	HU→AT	IT→AT	SI→AT	Total_IMP	
I.05	725	0	448	23	142	126	1464	12	755	1639	59	0	75	2540	
II.05	821	0	455	52	123	116	1567	0	554	1475	24	0	40	2093	
III.05	905	1	545	67	124	68	1710	0	501	1577	19	2	42	2141	
IV.05	899	0	637	165	122	116	1939	0	510	1323	22	0	14	1869	
V.05	752	1	680	74	137	76	1720	147	376	1019	20	0	6	1568	
VI.05	764	3	734	76	129	128	1834	0	313	1029	12	0	68	1422	
VII.05	730	0	753	57	109	154	1803	0	260	1065	183	0	20	1528	
VIII.05	516	3	704	49	122	110	1504	34	494	858	153	0	50	1589	
IX.05	606	2	533	106	122	134	1503	4	481	985	50	0	46	1566	
X.05	856	1	497	71	129	186	1740	0	621	1277	103	0	28	2029	
XI.05	637	0	514	45	119	93	1408	14	583	1343	126	0	58	2124	
XII.05	908	1	495	24	119	34	1581	0	666	1781	86	0	86	2619	
2005	9119	12	6995	809	1497	1341	19773	211	6114	15371	857	2	533	23088	
I.09	680	3	364	68	116	52	1283	3	732	1722	40	0	167	2664	
II.09	677	6	404	52	106	14	1259	0	584	1566	46	0	174	2370	
III.09	723	9	530	174	119	42	1597	0	573	1382	2	0	89	2046	
IV.09	770	51	789	97	126	192	2025	0	346	985	27	0	5	1363	
V.09	569	84	842	207	101	250	2053	1	243	698	3	0	0	945	
VI.09	768	34	936	96	17	210	2061	2	467	916	12	0	1	1398	
VII.09	535	19	774	143	76	381	1928	8	539	766	7	0	1	1321	
VIII.09	611	19	627	186	70	284	1797	3	564	969	5	0	1	1542	
IX.09	770	11	461	138	106	380	1866	6	557	1261	28	0	0	1852	
X.09	783	17	643	141	124	305	2013	1	593	1310	38	0	5	1947	
XI.09	846	3	342	33	126	169	1519	0	879	1627	27	0	18	2551	
XII.09	921	6	349	58	111	248	1693	0	782	1754	5	0	9	2550	
2009	8653	262	7061	1393	1198	2527	21094	24	6859	14956	240	0	470	22549	
I.10	861	12	510	31	106	127	1647	0	735	1663	15	0	35	2448	
II.10	747	4	419	35	102	146	1453	0	718	1513	7	0	36	2274	
III.10	814	5	415	36	119	104	1493	0	620	1675	5	0	33	2333	
IV.10	703	4	249	42	112	80	1190	1	690	1577	69	0	55	2392	
V.10	614	54	596	83	125	111	1583	1	367	1000	60	0	30	1458	
VI.10	486	40	804	115	119	204	1768	4	323	701	16	0	10	1054	
VII.10	461	5	544	201	127	337	1675	17	624	853	9	0	0	1503	
VIII.10	450	27	702	168	93	170	1610	14	382	733	14	2	6	1151	
IX.10	623	23	617	140	104	233	1740	6	449	969	27	0	1	1452	
X.10	615	1	539	113	91	364	1723	6	767	1178	65	0	3	2019	
XI.10	724	10	562	37	118	130	1581	1	555	1376	149	0	72	2153	
XII.10	817	67	793	13	112	5	1807	3	315	1467	205	0	303	2293	
2010	7915	252	6750	1014	1328	2011	19270	53	6545	14705	641	2	584	22530	

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".

Thermal nuclear net generation	GWh	Σ	2005	0
			2009	0
			2010	0
Fossil fuels net generation	GWh	Σ	2005	6604
			2009	8037
			2010	7684
Hydraulic net generation	GWh	Σ	2005	5998
			2009	5954
			2010	7870
Other renewable net generation	GWh	Σ	2005	0
			2009	0
			2010	0
- of which wind	GWh	Σ	2005	0
			2009	0
			2010	0
- of which solar	GWh	Σ	2005	n.a.
			2009	0
			2010	0
Non-identifiable net generation	GWh	Σ	2005	0
			2009	0
			2010	0
Total net generation calculated to represent 100% of the national values	GWh	Σ	2005	12602
			2009	13991
			2010	15554
Sum of physical imports	GWh	Σ	2005	2251
			2009	2839
			2010	3056
Sum of physical exports	GWh	Σ	2005	3628
			2009	5836
			2010	6886
Total exchange balance	GWh	Σ	2005	-1411
			2009	-2990
			2010	-3827
Consumption of pumps	GWh	Σ	2005	0
			2009	0
			2010	2
National electrical consumption, calculated to represent 100% of the national values	GWh	Σ	2005	11191
			2009	11001
			2010	11725
Consumption load 3:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	16.02.05	1161
			16.12.09	1133
			15.12.10	1220
Consumption load 11:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	21.12.05	1688
			16.12.09	1753
			15.12.10	1812
Highest load on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	21.12.05	1891
			16.12.09	1890
			15.12.10	2051
Time of highest load on the 3rd Wednesday		CET	21.12.05	18:00
			16.12.09	18:00
			15.12.10	18:00

MM_YY	Export (-)					Import (+)					Total_IMP - Total_EXP
	BA→CS	BA→HR	BA→ME	BA→RS	Total_EXP	HR→CS	HR→BA	ME→BA	RS→BA	Total_IMP	
I.05	93	275			368	82	107			189	-179
II.05	45	225			270	100	131			231	-39
III.05	67	352			419	80	90			170	-249
IV.05	54	257			311	51	85			136	-175
V.05	42	194			236	59	79			138	-98
VI.05	20	245			265	133	102			235	-30
VII.05	77	183			260	44	143			187	-73
VIII.05	142	161			303	34	139			173	-130
IX.05	59	238			297	72	74			146	-151
X.05	100	222			322	70	103			173	-149
XI.05	86	184			270	123	163			286	16
XII.05	108	199			307	63	124			187	-120
2005	893	2735			3628	911	1340			2251	-1377
I.09		322	202	27	551	73	43	43	142	258	-293
II.09		450	177	23	650	43	55	55	92	190	-460
III.09		345	246	36	627	68	68	16	120	204	-423
IV.09		345	104	28	477	75	75	33	78	186	-291
V.09		245	131	39	415	78	78	20	86	184	-231
VI.09		266	239	43	548	82	82	10	134	226	-322
VII.09		196	235	32	463	91	91	7	127	225	-238
VIII.09		130	216	27	373	123	123	5	130	258	-115
IX.09		199	159	16	374	102	102	5	219	326	-48
X.09		255	161	26	442	77	77	19	159	255	-187
XI.09		348	73	15	436	60	60	61	180	301	-135
XII.09		179	252	49	480	102	102	20	104	226	-254
2009	3280	2195	361	361	5636	974	974	294	1571	2839	-2997
I.10	426	258	71	755	755	97	46	46	29	172	-583
II.10	465	181	30	676	676	53	53	44	54	151	-525
III.10	520	178	38	736	736	61	61	50	32	143	-593
IV.10	448	61	20	529	529	67	67	57	64	188	-341
V.10	528	74	54	656	656	69	69	55	22	146	-510
VI.10	373	77	7	457	457	57	57	89	114	260	-197
VII.10	207	155	7	369	369	115	115	33	247	395	26
VIII.10	111	210	8	329	329	206	206	10	209	425	96
IX.10	229	139	12	380	380	121	121	26	211	358	-22
X.10	400	62	14	476	476	99	99	42	197	338	-138
XI.10	522	70	32	624	624	86	86	78	95	259	-365
XII.10	698	132	69	899	899	78	78	98	45	221	-678
2010	4927	1597	362	6886	6886	1109	1109	628	1319	3056	-3830

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".

Belgium

Yearly values / Operation

Thermal nuclear net generation	GWh	Σ	2005	45336
			2009	44960
			2010	45729
Fossil fuels net generation	GWh	Σ	2005	34085
			2009	34772
			2010	35845
Hydraulic net generation	GWh	Σ	2005	1596
			2009	1744
			2010	1659
Other renewable net generation	GWh	Σ	2005	2381
			2009	6048
			2010	6631
- of which wind	GWh	Σ	2005	225
			2009	988
			2010	1260
- of which solar	GWh	Σ	2005	n.a.
			2009	162
			2010	237
Non-identifiable net generation	GWh	Σ	2005	0
			2009	0
			2010	0
Total net generation calculated to represent 100% of the national values	GWh	Σ	2005 ¹	83398
			2009 ¹	87524
			2010 ¹	89864
Sum of physical imports	GWh	Σ	2005	14198
			2009	9366
			2010	12287
Sum of physical exports	GWh	Σ	2005	8029
			2009	11314
			2010	11843
Total exchange balance	GWh	Σ	2005	6304
			2009	-1836
			2010	541
Consumption of pumps	GWh	Σ	2005	1775
			2009	1883
			2010	1786
National electrical consumption, calculated to represent 100% of the national values	GWh	Σ	2005	87927
			2009	83805
			2010	88619
Consumption load 3:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	16.02.05	10492
			16.12.09	10103
			15.12.10	10906
Consumption load 11:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	19.01.05	12500
			16.12.09	12599
			15.12.10	13154
Highest load on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	19.01.05	13235
			16.12.09	13352
			15.12.10	13810
Time of highest load on the 3rd Wednesday		CET	19.01.05	19:00
			16.12.09	18:00
			15.12.10	19:00

¹Including deliveries from industry

MM_YY	Total_EXP				Total_IMP				Total_IMP - Total_EXP
	Export (-)				Import (+)				
	BE→FR	BE→LU	BE→NL	Total_EXP	FR→BE	LU→BE	NL→BE	Total_IMP	Balance
I.05	299	92	120	511	264	232	688	1184	673
II.05	442	101	80	623	163	48	789	1000	377
III.05	392	109	173	674	416	229	761	1406	732
IV.05	253	100	95	448	180	218	592	990	542
V.05	66	108	464	638	593	198	235	1026	388
VI.05	54	94	690	838	916	183	102	1201	363
VII.05	194	129	683	1006	377	205	123	705	-301
VIII.05	73	88	807	968	1060	189	92	1341	373
IX.05	27	137	673	837	1135	217	120	1472	635
X.05	61	145	338	544	716	216	234	1166	622
XI.05	97	146	201	444	627	204	564	1395	951
XII.05	264	125	109	498	308	229	775	1312	814
2005	2222	1374	4433	8029	6755	2368	5075	14198	6169
I.09	492	79	87	658	238	188	632	1058	400
II.09	318	74	128	520	274	150	455	879	359
III.09	400	49	199	648	249	162	334	745	97
IV.09	457	77	148	682	130	153	420	703	21
V.09	288	76	531	895	276	140	228	644	-251
VI.09	509	75	363	947	162	101	427	690	-257
VII.09	891	86	366	1343	36	158	419	613	-730
VIII.09	538	56	857	1451	55	181	291	527	-924
IX.09	645	90	474	1209	83	166	266	515	-694
X.09	772	91	238	1101	55	181	707	943	-158
XI.09	619	90	150	859	64	155	801	1020	161
XII.09	701	68	232	1001	87	133	809	1029	28
2009	6630	911	3773	11314	1709	1868	5789	9366	-1948
I.10	805	96	111	1012	111	160	947	1218	206
II.10	601	88	258	947	84	153	670	907	-40
III.10	610	104	326	1040	140	157	623	920	-120
IV.10	449	108	264	821	153	142	456	751	-70
V.10	596	133	428	1157	155	102	586	843	-314
VI.10	117	73	745	935	566	160	326	1052	117
VII.10	178	100	841	1119	380	154	246	780	-339
VIII.10	126	52	1168	1346	478	152	183	813	-533
IX.10	248	103	571	922	359	145	392	896	-26
X.10	849	108	200	1157	80	173	1067	1320	163
XI.10	499	99	282	880	222	154	828	1204	324
XII.10	324	59	124	507	320	195	1068	1583	1076
2010	5402	1123	5318	11843	3048	1847	7392	12287	444

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

Bulgaria

Yearly values / Operation

Thermal nuclear net generation	GWh	Σ	2005	18656
			2009	14256
			2010	14181
Fossil fuels net generation	GWh	Σ	2005	20943
			2009	20407
			2010	21084
Hydraulic net generation	GWh	Σ	2005	4664
			2009	3880
			2010	5431
Other renewable net generation	GWh	Σ	2005	0
			2009	0
			2010	331
- of which wind	GWh	Σ	2005	0
			2009	0
			2010	331
- of which solar	GWh	Σ	2005	n.a.
			2009	0
			2010	0
Non-identifiable net generation	GWh	Σ	2005	0
			2009	0
			2010	0
Total net generation calculated to represent 100% of the national values	GWh	Σ	2005	44263
			2009	38543
			2010	41027
Sum of physical imports	GWh	Σ	2005	801
			2009	2664
			2010	1135
Sum of physical exports	GWh	Σ	2005	8377
			2009	7634
			2010	9278
Total exchange balance	GWh	Σ	2005	-7642
			2009	-5121
			2010	-8517
Consumption of pumps	GWh	Σ	2005	538
			2009	846
			2010	973
National electrical consumption, calculated to represent 100% of the national values	GWh	Σ	2005	36083
			2009	32576
			2010	31537
Consumption load 3:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	16.02.05	4854
			18.02.09	4543
			15.12.10	4399
Consumption load 11:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	21.12.05	5814
			16.12.09	5801
			20.01.10	6076
Highest load on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	21.12.05	6222
			18.02.09	6426
			15.12.10	6640
Time of highest load on the 3rd Wednesday		CET	21.12.05	19:00
			18.02.09	20:00
			15.12.10	19:00

Physical exchanges in interconnected operation ¹

MM_YY	Export (-)							Import (+)							Total_IMP - Total_EXP	Balance
	BG→CS	BG→GR	BG→MK	BG→RO	BG→RS	BG→TR	Total_EXP	CS→BG	GR→BG	MK→BG	RO→BG	RS→BG	TR→BG	Total_IMP		
I.05	262	408	0	23	0	0	693	0	0	0	81	0	0	81		
II.05	327	411	0	29	0	0	767	0	0	0	60	0	0	60		
III.05	283	375	0	109	0	0	767	0	0	0	12	0	0	12		
IV.05	218	319	3	100	0	0	640	0	0	0	22	0	0	22		
V.05	229	211	0	90	0	0	530	0	0	0	3	0	0	3		
VI.05	210	377	2	84	0	0	673	0	0	0	15	0	0	15		
VII.05	205	436	30	54	0	0	725	0	0	0	68	0	0	68		
VIII.05	89	395	29	29	0	0	542	0	0	0	87	0	0	87		
IX.05	116	367	24	69	0	0	576	0	0	0	57	0	0	57		
X.05	154	373	82	86	0	0	695	4	0	0	99	0	0	103		
XI.05	312	431	79	55	0	0	877	0	0	0	141	0	0	141		
XII.05	355	450	85	2	0	0	892	0	0	0	152	0	0	152		
2005	2760	4553	334	730	0	0	8377	4	0	0	797	0	0	801		
I.09	271	292	292	0	139	0	702	0	0	0	333	0	0	333		
II.09	285	252	252	0	135	0	672	0	0	0	285	0	0	285		
III.09	328	271	271	0	90	0	689	0	0	0	356	0	0	356		
IV.09	213	65	65	0	51	0	329	0	0	0	217	1	0	218		
V.09	212	186	186	34	17	0	449	0	0	0	180	15	0	195		
VI.09	352	282	282	2	19	0	655	0	0	0	208	13	0	221		
VII.09	438	352	352	2	29	0	821	0	0	0	217	14	0	231		
VIII.09	300	245	245	1	95	0	641	0	0	0	197	3	0	200		
IX.09	242	217	217	62	124	0	645	0	0	0	121	0	0	121		
X.09	244	139	139	100	161	0	644	0	0	0	175	0	0	175		
XI.09	272	264	264	28	235	0	799	0	0	0	64	0	0	64		
XII.09	261	237	237	1	89	0	588	0	0	0	265	0	0	265		
2009	3418	2802	2802	230	1184	0	7634	0	0	0	2618	46	0	2664		
I.10	214	183	183	12	87	0	496	0	0	0	175	5	0	180		
II.10	227	202	202	27	124	0	580	1	0	0	85	0	0	86		
III.10	279	198	198	22	71	0	570	0	0	0	80	3	0	83		
IV.10	243	171	171	25	37	0	476	0	0	0	73	17	0	90		
V.10	167	139	139	118	24	0	448	0	0	0	62	33	0	95		
VI.10	345	258	258	167	148	0	918	0	0	0	2	0	0	2		
VII.10	458	387	387	93	226	0	1164	0	0	0	23	0	0	23		
VIII.10	480	412	412	21	233	0	1146	0	0	0	115	0	0	115		
IX.10	353	314	314	31	174	0	872	0	0	0	134	0	0	134		
X.10	220	216	216	72	193	0	701	0	0	0	239	0	0	239		
XI.10	245	245	245	36	226	209	961	0	0	0	76	0	12	88		
XII.10	222	228	228	53	251	192	946	0	0	0	42	0	0	43		
2010	3453	2953	2953	677	1794	401	9278	1	0	1106	58	13	13	1178		

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".

Switzerland

Yearly values / Operation

Thermal nuclear net generation	GWh	Σ	2005	22020
			2009	26119
			2010	25205
Fossil fuels net generation	GWh	Σ	2005	2207
			2009	2029
			2010	2208
Hydraulic net generation	GWh	Σ	2005	32759
			2009	37136
			2010	37450
Other renewable net generation	GWh	Σ	2005	932
			2009	1210
			2010	1389
- of which wind	GWh	Σ	2005	6
			2009	24
			2010	24
- of which solar	GWh	Σ	2005	n.a.
			2009	0
			2010	0
Non-identifiable net generation	GWh	Σ	2005	0
			2009	0
			2010	0
Total net generation calculated to represent 100% of the national values	GWh	Σ	2005 ¹	57918
			2009 ¹	66494
			2010 ¹	66252
Sum of physical imports	GWh	Σ	2005	37298
			2009	30616
			2010	32640
Sum of physical exports	GWh	Σ	2005	29828
			2009	31782
			2010	30930
Total exchange balance	GWh	Σ	2005	7760
			2009	-959
			2010	1951
Consumption of pumps	GWh	Σ	2005	2631
			2009	2523
			2010	2494
National electrical consumption, calculated to represent 100% of the national values	GWh	Σ	2005 ²	63047
			2009 ²	63012
			2010 ²	65709
Consumption load 3:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	16.02.05	7741
			16.12.09	7931
			15.12.10	8381
Consumption load 11:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	21.12.05	9724
			16.12.09	10108
			20.01.10	10532
Highest load on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	21.12.05	9724
			16.12.09	10261
			15.12.10	10835
Time of highest load on the 3rd Wednesday	CET		21.12.05	11:00
			18.02.09	18:00
			15.12.10	18:00

¹Including deliveries from industry

²Calculations based on the ENTSO-E database differ from the official values of the Swiss Federal Office of Energy.

Physical exchanges in interconnected operation ¹

MM_YY	Export (-)					Import (+)					Total_IMP - Total_EXP	Balance
	CH→AT	CH→DE	CH→FR	CH→IT	Total_EXP	AT→CH	DE→CH	FR→CH	IT→CH	Total_IMP		
I.05	12	34	255	2243	2544	725	1864	951	0	3540	996	
II.05	0	38	327	2430	2795	821	1797	605	0	3223	428	
III.05	0	68	268	2421	2757	905	1650	787	0	3342	585	
IV.05	0	75	129	2354	2558	899	1811	820	0	3530	972	
V.05	147	150	82	2284	2663	752	1184	914	6	2856	193	
VI.05	0	104	237	2020	2361	764	1135	804	7	2710	349	
VII.05	0	186	327	2139	2652	730	1487	591	7	2815	163	
VIII.05	34	286	90	1753	2163	516	1424	807	7	2754	591	
IX.05	4	218	179	1951	2352	606	1014	751	8	2379	27	
X.05	0	155	80	2378	2613	856	1313	1059	6	3234	621	
XI.05	14	145	186	1957	2302	637	1523	1078	16	3254	952	
XII.05	0	114	477	1477	2068	908	1872	807	74	3661	1593	
2005	211	1573	2637	25407	29828	9119	18074	9974	131	37298	7470	
I.09	3	112	275	2112	2502	680	1738	1044	50	3512	1010	
II.09	0	75	139	2071	2285	677	1631	1014	22	3344	1059	
III.09	0	113	37	2301	2451	723	1247	1266	18	3254	803	
IV.09	0	246	293	1993	2532	770	647	563	28	2008	-524	
V.09	1	582	252	2050	2885	569	347	444	46	1406	-1479	
VI.09	2	485	477	2119	3083	768	480	322	77	1647	-1436	
VII.09	8	408	497	2631	3544	535	417	335	48	1335	-2209	
VIII.09	3	210	493	1936	2642	611	664	442	23	1740	-902	
IX.09	6	136	389	2207	2738	770	1119	624	33	2546	-192	
X.09	1	131	568	1784	2484	783	1406	653	77	2919	435	
XI.09	0	51	248	1901	2200	846	1606	750	59	3261	1061	
XII.09	0	87	496	1853	2436	921	1840	854	29	3644	1208	
2009	24	2636	4164	24958	31782	8653	13142	8311	510	30616	-1166	
I.10	0	90	652	1686	2428	861	1656	745	52	3314	886	
II.10	0	57	426	1903	2386	747	1660	840	27	3274	888	
III.10	0	90	324	2185	2599	814	1713	1084	45	3656	1057	
IV.10	1	143	147	2126	2417	703	1260	924	44	2931	514	
V.10	1	270	276	2003	2550	614	639	672	60	1985	-565	
VI.10	4	548	165	1953	2670	486	486	748	65	1785	-885	
VII.10	17	428	362	2503	3310	461	781	641	27	1910	-1400	
VIII.10	14	406	246	1730	2396	450	795	786	9	2040	-356	
IX.10	6	216	377	1784	2383	623	1146	783	17	2569	186	
X.10	6	124	697	2043	2870	615	1520	858	16	3009	139	
XI.10	1	106	543	1817	2467	724	1433	902	27	3086	619	
XII.10	3	103	905	1443	2454	817	1464	696	104	3081	627	
2010	53	2581	5120	23176	30930	7915	14553	9679	493	32640	1710	

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

Czech Republic

Yearly values / Operation

Thermal nuclear net generation	GWh	Σ	2005	23255
			2009	25665
			2010	26441
Fossil fuels net generation	GWh	Σ	2005	49861
			2009	46983
			2010	48713
Hydraulic net generation	GWh	Σ	2005	3016
			2009	2969
			2010	3380
Other renewable net generation	GWh	Σ	2005	62
			2009	373
			2010	948
- of which wind	GWh	Σ	2005	22
			2009	289
			2010	334
- of which solar	GWh	Σ	2005	n.a.
			2009	77
			2010	604
Non-identifiable net generation	GWh	Σ	2005	0
			2009	0
			2010	0
Total net generation calculated to represent 100% of the national values	GWh	Σ	2005 ¹	76194
			2009 ¹	75990
			2010 ¹	79482
Sum of physical imports	GWh	Σ	2005	12344
			2009	8234
			2010	6682
Sum of physical exports	GWh	Σ	2005	24971
			2009	22232
			2010	21579
Total exchange balance	GWh	Σ	2005	-12634
			2009	-13644
			2010	-14949
Consumption of pumps	GWh	Σ	2005	867
			2009	748
			2010	797
National electrical consumption, calculated to represent 100% of the national values	GWh	Σ	2005	62693
			2009	61598
			2010	63736
Consumption load 3:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	16.02.05	7943
			18.02.09	7764
			15.12.10	7989
Consumption load 11:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	16.02.05	9339
			16.12.09	9465
			15.12.10	9944
Highest load on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	16.02.05	9576
			16.12.09	9836
			15.12.10	10307
Time of highest load on the 3rd Wednesday	CET		16.02.05	17:00
			16.12.09	17:00
			15.12.10	17:00

¹Including deliveries from industry

MM_YY	Export (-)					Import (+)					Total_IMP - Total_EXP	Balance
	CZ→AT	CZ→DE	CZ→PL	CZ→SK	Total_EXP	AT→CZ	DE→CZ	PL→CZ	SK→CZ	Total_IMP		
I.05	755	935	2	547	2239	0	69	1091	55	1215	-1024	
II.05	554	976	2	510	2042	0	51	1024	49	1124	-918	
III.05	501	1232	4	538	2275	1	28	1046	35	1110	-1165	
IV.05	510	1093	3	457	2063	0	4	887	43	934	-1129	
V.05	376	1130	10	473	1989	1	0	768	10	779	-1210	
VI.05	313	1138	8	414	1873	3	0	710	49	762	-1111	
VII.05	260	1100	10	508	1878	0	20	720	55	795	-1083	
VIII.05	494	1116	14	375	1999	3	0	552	112	667	-1332	
IX.05	481	1007	4	360	1852	2	6	801	79	888	-964	
X.05	621	1147	4	474	2246	1	26	1097	89	1213	-1033	
XI.05	583	1017	1	530	2131	0	92	1253	105	1450	-681	
XII.05	666	1131	1	586	2384	1	109	1216	81	1407	-977	
2005	6114	13022	63	5772	24971	12	405	11165	762	12344	-12627	
I.09	732	678	0	663	2073	3	177	859	3	1042	-1031	
II.09	584	892	0	525	2001	6	20	691	2	719	-1282	
III.09	573	1032	1	575	2181	9	26	610	3	648	-1533	
IV.09	346	1186	34	217	1783	51	0	298	44	393	-1390	
V.09	243	652	31	347	1273	84	19	341	19	463	-810	
VI.09	467	679	24	364	1534	34	9	418	17	478	-1056	
VII.09	539	573	10	686	1808	19	47	509	3	578	-1230	
VIII.09	564	320	12	570	1466	19	63	476	3	561	-905	
IX.09	557	359	11	784	1711	11	127	646	0	784	-927	
X.09	593	847	2	685	2127	17	152	642	0	811	-1316	
XI.09	879	766	1	507	2153	3	228	740	45	1016	-1137	
XII.09	782	703	3	634	2122	6	97	636	2	741	-1381	
2009	6859	8687	129	6557	22232	262	965	6866	141	8234	-13998	
I.10	735	971	4	409	2119	12	41	521	24	598	-1521	
II.10	718	831	2	475	2026	4	35	643	6	688	-1338	
III.10	620	1100	4	421	2145	5	17	511	16	549	-1596	
IV.10	690	783	3	457	1933	4	17	451	19	491	-1442	
V.10	367	484	18	346	1215	54	47	360	28	489	-726	
VI.10	323	632	25	306	1286	40	42	260	34	376	-910	
VII.10	624	688	8	861	2181	5	73	442	1	501	-1680	
VIII.10	382	560	14	431	1387	27	58	322	22	449	-938	
IX.10	449	682	28	591	1750	23	45	416	6	490	-1260	
X.10	767	726	11	677	2181	1	92	618	7	718	-1463	
XI.10	555	845	5	388	1793	10	78	550	54	692	-1101	
XII.10	315	1098	14	136	1563	67	19	406	149	641	-922	
2010	6545	9400	136	5498	21579	252	564	5500	366	6682	-14897	

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".

Germany

Yearly values / Operation

Thermal nuclear net generation	GWh	Σ	2005	154531
			2009	127953
			2010	133373
Fossil fuels net generation	GWh	Σ	2005	357573
			2009	330218
			2010	344278
Hydraulic net generation	GWh	Σ	2005	23586
			2009	21453
			2010	21698
Other renewable net generation	GWh	Σ	2005	38382
			2009	68747
			2010	73801
- of which wind	GWh	Σ	2005	28881
			2009	37812
			2010	36665
- of which solar	GWh	Σ	2005	n.a.
			2009	6211
			2010	10874
Non-identifiable net generation	GWh	Σ	2005	0
			2009	0
			2010	0
Total net generation calculated to represent 100% of the national values	GWh	Σ	2005 ¹	574072
			2009 ¹	548371
			2010 ¹	573150
Sum of physical imports	GWh	Σ	2005	53462
			2009	40564
			2010	42171
Sum of physical exports	GWh	Σ	2005	61923
			2009	54906
			2010	59878
Total exchange balance	GWh	Σ	2005	-8461
			2009	-14342
			2010	-17707
Consumption of pumps	GWh	Σ	2005	9226
			2009	7172
			2010	8021
National electrical consumption, calculated to represent 100% of the national values	GWh	Σ	2005	556385
			2009	526857
			2010	547422
Consumption load 3:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	21.12.05	58901
			18.02.09	57523
			15.12.10	65661
Consumption load 11:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	21.12.05	79670
			16.12.09	74923
			15.12.10	80694
Highest load on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	21.12.05	82527
			18.11.09	80102
			15.12.10	83090
Time of highest load on the 3rd Wednesday		CET	21.12.05	18:00
			18.11.09	18:00
			15.12.10	18:00

¹Including deliveries from industry

MM_YY	Export (-)																Import (+)																Total_IMP - Total_EXP	Balance
	DE→AT	DE→CH	DE→CZ	DE→DK	DE→DK_W	DE→DK_E	DE→FR	DE→LU	DE→NL	DE→PL	DE→SE	Total_EXP	AT→DE	CH→DE	CZ→DE	DK→DE	DK_W→DE	DK_E→DE	FR→DE	LU→DE	NL→DE	PL→DE	SE→DE	Total_IMP										
I.05	1639	1864	69		3	36	8	431	2097	361	61	6569	448	34	935		698	224	1009	66	0	3	288	3705	-2864									
II.05	1475	1797	51		0	10	130	405	1969	247	12	6096	455	38	976		734	320	698	63	2	17	306	3609	-2487									
III.05	1577	1650	28		59	35	214	436	2171	204	67	6441	545	68	1232		669	243	770	69	1	46	199	3842	-2599									
IV.05	1323	1811	4		31	17	15	400	2080	142	38	5861	637	75	1093		641	295	1137	60	0	45	286	4269	-1692									
V.05	1019	1184	0		78	40	0	405	1143	99	70	4038	680	150	1130		522	232	2067	67	17	95	0	4960	922									
VI.05	1029	1135	0		18	11	11	404	1012	41	19	3690	734	104	1138		554	314	1779	61	60	230	309	5283	1603									
VII.05	1065	1487	20		2	5	5	421	1081	135	4	4225	753	186	1100		361	342	1412	69	61	118	389	4791	566									
VIII.05	858	1424	0		78	43	14	389	959	89	58	3912	704	286	1116		410	259	2364	64	72	167	232	5674	1762									
IX.05	985	1014	6		12	4	1	412	942	66	9	3451	533	218	1007		537	155	1735	56	103	219	279	4842	1391									
X.05	1277	1313	26		33	17	16	433	1615	241	40	5011	497	155	1147		481	304	1219	66	4	69	269	4211	-800									
XI.05	1343	1523	92		8	3	33	445	1890	240	15	5592	514	145	1017		740	332	1281	72	3	27	300	4431	-1161									
XII.05	1781	1872	109		17	23	47	452	2301	401	44	7047	495	114	1131		736	280	762	72	2	10	243	3845	-3202									
2005	15371	18074	405		339	244	494	5033	19260	2266	437	61923	6995	1573	13022		7083	3300	16233	785	325	1046	3100	53462	-8461									
I.09	1722	1738	177		59	65	66	471	1190	660	32	6180	364	112	678		737	261	1086	78	96	0	210	3622	-2558									
II.09	1566	1631	20		34	49	1	419	1165	508	25	5418	404	75	892		658	244	1152	68	73	0	85	3651	-1767									
III.09	1382	1247	26		158	125	39	438	811	402	13	4641	530	113	1032		539	189	1172	68	169	4	17	3833	-808									
IV.09	985	647	0		235	125	98	388	1251	162	149	4040	789	246	1186		405	67	529	47	75	38	120	3502	-638									
V.09	698	347	19		254	147	31	391	822	262	120	3091	842	582	652		362	53	1372	46	130	25	112	4176	1085									
VI.09	916	480	9		272	182	280	383	1086	305	141	4054	936	485	679		223	76	625	40	163	25	83	3335	-719									
VII.09	766	417	47		67	132	272	412	464	477	119	3173	774	408	573		115	122	633	44	490	9	111	3279	106									
VIII.09	969	664	63		184	208	40	406	184	411	124	3253	627	210	320		138	50	1288	62	636	8	58	3397	144									
IX.09	1261	1119	127		62	165	52	428	194	526	72	4006	461	136	359		416	76	806	58	738	8	67	3125	-881									
X.09	1310	1406	152		86	120	248	461	406	577	56	4822	643	131	847		519	72	484	65	448	11	51	3251	-1571									
XI.09	1627	1606	228		189	194	156	432	691	668	113	5904	342	51	766		358	58	682	58	196	2	36	2542	-3362									
XII.09	1754	1840	97		214	289	153	486	606	660	225	6324	349	87	703		476	25	798	94	296	5	18	2851	-3473									
2009	14956	13142	965		1814	1801	1436	5115	8870	5618	1189	54906	7061	2636	8687		4946	1286	10607	728	3510	135	968	40564	-14342									
I.10	1663	1656	41	614				239	542	643	329	6275	510	90	971				576	116	239	3	1	2711	-3564									
II.10	1513	1660	35	663				57	486	410	374	5782	419	57	831				910	104	247	0	0	2683	-3099									
III.10	1675	1713	17	836				28	511	362	293	6057	415	90	1100				1308	103	555	0	1	3619	-2438									
IV.10	1577	1260	17	465				7	518	881	85	5394	249	143	783				1244	129	114	0	32	2926	-2468									
V.10	1000	639	47	296				52	562	1036	31	4023	596	270	484				920	155	209	10	230	3285	-738									
VI.10	701	486	42	471				3	507	920	161	3352	804	548	632				1934	111	191	42	220	4722	1370									
VII.10	853	781	53	439				6	482	943	525	4221	544	428	688				1690	82	138	5	199	4198	-203									
VIII.10	733	795	78	583				0	435	576	405	3732	702	406	560				2408	77	291	25	102	4739	1007									
IX.10	969	1146	45	594				6	470	584	254	4322	617	216	682				1507	89	327	16	41	3673	-649									
X.10	1178	1520	92	423				168	521	330	513	4969	539	124	726				924	109	481	1	97	3369	-1600									
XI.10	1376	1433	78	377				99	546	707	466	5288	562	106	845				1096	138	210	16	79	3309	-1979									
XII.10	1467	1464	19	710				130	559	1550	312	6463	793	103	1098				609	148	70	49	5	2937	-3526									
2010	14705	14553	564	6471				795	6159	8942	5334	59878	6750	2581	9400				15126	1361	3072	167	1007	42171	-17707									

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".

Thermal nuclear net generation	GWh	Σ	2005	0
			2009	0
			2010	0
Fossil fuels net generation	GWh	Σ	2005	27715
			2009	25284
			2010	26294
Hydraulic net generation	GWh	Σ	2005	23
			2009	20
			2010	23
Other renewable net generation	GWh	Σ	2005	6615
			2009	9119
			2010	10445
- of which wind	GWh	Σ	2005	6615
			2009	6728
			2010	7813
- of which solar	GWh	Σ	2005	n.a.
			2009	0
			2010	0
Non-identifiable net generation	GWh	Σ	2005	0
			2009	38
			2010	0
Total net generation calculated to represent 100% of the national values	GWh	Σ	2005 ¹	34353
			2009 ¹	34461
			2010 ¹	36762
Sum of physical imports	GWh	Σ	2005	7611
			2009	8110
			2010	10585
Sum of physical exports	GWh	Σ	2005	11248
			2009	9666
			2010	11740
Total exchange balance	GWh	Σ	2005	-3637
			2009	-1556
			2010	-1122
Consumption of pumps	GWh	Σ	2005	0
			2009	0
			2010	0
National electrical consumption, calculated to represent 100% of the national values	GWh	Σ	2005	35728
			2009	34793
			2010	35640
Consumption load 3:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	2005	n.a.
			2009	n.a.
			15.12.10	3653
Consumption load 11:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	2005	n.a.
			2009	n.a.
			15.12.10	5945
Highest load on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	2005	n.a.
			2009	n.a.
			15.12.10	6312
Time of highest load on the 3rd Wednesday		CET	2005	n.a.
			2009	n.a.
			15.12.10	18:00

¹Including deliveries from industry

MM_YY	Export (-)								Import (+)								Total_IMP - Total_EXP	Balance
	DK_W→DE	DK_E→DE	DK→DE	DK_W→NO	DK→NO	DK_W→SE	DK→SE	Total_EXP	DE→DK_W	DE→DK_E	DE→DK	NO→DK_W	NO→DK	SE→DK_W	SE→DK	Total_IMP		
I.05	698	224	205	115	67	1104	36	319	70	3	36	3	3	3	3	428	-676	
II.05	734	320	115	27	74	1155	10	436	71	0	10	0	0	0	0	517	-638	
III.05	669	243	47	99	127	1138	35	362	54	59	35	59	59	59	59	510	-628	
IV.05	641	295	232	24	14	974	17	532	201	31	17	31	31	31	31	781	-193	
V.05	522	232	205	47	9	810	40	478	228	78	40	78	78	78	78	824	14	
VI.05	554	314	205	9	5	882	11	320	286	18	11	18	18	18	18	635	-247	
VII.05	361	342	205	3	0	706	5	333	292	2	5	2	2	2	2	632	-74	
VIII.05	410	259	205	24	10	703	43	271	255	78	43	78	78	78	78	647	-56	
IX.05	537	155	205	4	0	696	4	294	305	12	4	12	12	12	12	615	-81	
X.05	481	304	205	23	7	815	17	304	257	33	17	33	33	33	33	611	-204	
XI.05	740	332	205	7	12	1091	3	602	180	8	3	8	8	8	8	793	-298	
XII.05	736	280	205	84	74	1174	23	460	118	17	23	17	17	17	17	618	-556	
2005	7083	3300	2707	466	399	11248	244	4711	2317	339	244	339	339	339	339	7611	-3637	
I.09	737	261	205	149	181	1328	65	308	119	59	65	59	59	59	59	551	-777	
II.09	658	244	115	156	100	1158	49	263	99	34	49	34	34	34	34	445	-713	
III.09	539	189	205	166	219	1113	125	271	66	158	125	158	158	158	158	620	-493	
IV.09	405	67	205	150	131	753	125	312	83	235	125	235	235	235	235	755	2	
V.09	362	53	205	143	105	663	147	295	99	254	147	254	254	254	254	795	132	
VI.09	223	76	205	141	150	590	182	140	42	272	182	140	140	140	140	636	46	
VII.09	115	122	205	32	136	405	132	216	63	67	132	216	216	216	216	478	73	
VIII.09	138	50	205	13	297	498	208	495	13	184	208	495	495	495	495	900	402	
IX.09	416	76	205	3	219	714	165	570	28	62	165	570	570	570	570	825	111	
X.09	519	72	205	84	110	785	120	398	31	86	120	398	398	398	398	635	-150	
XI.09	358	51	205	185	163	757	194	288	16	189	194	288	288	288	288	667	-90	
XII.09	476	25	205	227	174	902	289	292	8	214	289	292	292	292	292	803	-99	
2009	4946	1286	2707	1449	1985	9666	1801	3828	667	1814	1801	3828	3828	3828	3828	8110	-1556	
I.10			205	384	680	1269	614	130	3	614	614	130	130	130	130	747	-522	
II.10			115	479	790	1384	663	49	2	663	663	49	49	49	49	714	-670	
III.10			47	629	796	1472	836	2	7	836	836	2	2	2	2	845	-627	
IV.10			232	420	290	942	465	34	126	465	465	34	34	34	34	625	-317	
V.10			411	337	44	792	296	124	535	471	296	124	124	124	124	955	163	
VI.10			240	243	38	521	471	117	697	471	471	117	117	117	117	1285	764	
VII.10			424	163	86	673	439	204	647	439	439	204	204	204	204	1363	690	
VIII.10			168	155	132	455	583	214	357	583	583	214	214	214	214	1144	689	
IX.10			178	159	467	804	594	184	62	594	594	184	184	184	184	870	66	
X.10			368	241	461	1070	423	89	98	423	423	89	89	89	89	705	-365	
XI.10			257	352	359	968	377	34	117	377	377	34	34	34	34	583	-385	
XII.10			62	493	835	1390	710	34	5	710	710	34	34	34	34	749	-641	
2010			2707	4055	4978	11740	6471	1458	2656	6471	6471	1458	1458	1458	1458	10585	-1155	

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".

Thermal nuclear net generation	GWh	Σ	2005	0
			2009	0
			2010	0
Fossil fuels net generation	GWh	Σ	2005	n.a.
			2009	7032
			2010	10465
Hydraulic net generation	GWh	Σ	2005	n.a.
			2009	98
			2010	27
Other renewable net generation	GWh	Σ	2005	n.a.
			2009	405
			2010	836
- of which wind	GWh	Σ	2005	n.a.
			2009	173
			2010	276
- of which solar	GWh	Σ	2005	n.a.
			2009	0
			2010	0
Non-identifiable net generation	GWh	Σ	2005	n.a.
			2009	0
			2010	0
Total net generation calculated to represent 100% of the national values	GWh	Σ	2005	n.a.
			2009	7535
			2010	11328
Sum of physical imports	GWh	Σ	2005	n.a.
			2009	3226
			2010	1743
Sum of physical exports	GWh	Σ	2005	n.a.
			2009	3129
			2010	4947
Total exchange balance	GWh	Σ	2005	n.a.
			2009	97
			2010	-3317
Consumption of pumps	GWh	Σ	2005	n.a.
			2009	0
			2010	0
National electrical consumption, calculated to represent 100% of the national values	GWh	Σ	2005	n.a.
			2009	7112
			2010	8011
Consumption load 3:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	2005	n.a.
			2009	n.a.
			20.01.10	1038
Consumption load 11:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	2005	n.a.
			2009	n.a.
			20.01.10	1445
Highest load on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	2005	n.a.
			2009	n.a.
			20.01.10	1495
Time of highest load on the 3rd Wednesday		CET	2005	n.a.
			2009	n.a.
			20.01.10	17:00

Physical exchanges in interconnected operation ¹

MM_YY	Total_EXP			Import (+)			Total_IMP	Total_IMP - Total_EXP	Balance
	EE→FI	EE→LV	EE→RU	FI→EE	LV→EE	RU→EE			
I.05	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
II.05	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
III.05	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
IV.05	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
V.05	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
VI.05	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
VII.05	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
VIII.05	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
IX.05	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
X.05	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
XI.05	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
XII.05	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
2005	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
I.09	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
II.09	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
III.09	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
IV.09	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
V.09	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
VI.09	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
VII.09	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
VIII.09	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
IX.09	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
X.09	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
XI.09	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
XII.09	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
2009	1786	1138	205	87	497	2642	3226	97	97
I.10	213	116	8	0	8	149	157	-180	-180
II.10	223	126	7	0	1	134	135	-221	-221
III.10	246	126	12	0	13	92	105	-279	-279
IV.10	222	90	7	1	15	196	212	-107	-107
V.10	172	151	36	24	1	77	102	-257	-257
VI.10	121	232	60	24	0	63	87	-326	-326
VII.10	90	337	34	31	0	102	133	-328	-328
VIII.10	45	284	45	61	0	46	107	-267	-267
IX.10	66	314	27	65	0	85	150	-257	-257
X.10	101	323	31	30	0	114	144	-311	-311
XI.10	200	251	10	10	0	144	154	-307	-307
XII.10	268	345	8	0	0	257	257	-364	-364
2010	1967	2695	285	246	38	1459	1743	-3204	-3204

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".

Thermal nuclear net generation	GWh	Σ	2005	54978
			2009	50422
			2010	59310
Fossil fuels net generation	GWh	Σ	2005	152481
			2009	143006
			2010	114052
Hydraulic net generation	GWh	Σ	2005	22494
			2009	28719
			2010	44617
Other renewable net generation	GWh	Σ	2005	24508
			2009	41554
			2010	55057
- of which wind	GWh	Σ	2005	17343
			2009	35956
			2010	43357
- of which solar	GWh	Σ	2005	n.a.
			2009	5460
			2010	6718
Non-identifiable net generation	GWh	Σ	2005	0
			2009	421
			2010	364
Total net generation calculated to represent 100% of the national values	GWh	Σ	2005	260468
			2009	270732
			2010	279825
Sum of physical imports	GWh	Σ	2005	10201
			2009	6784
			2010	5214
Sum of physical exports	GWh	Σ	2005	11124
			2009	14388
			2010	13117
Total exchange balance	GWh	Σ	2005	-1343
			2009	-8101
			2010	-8333
Consumption of pumps	GWh	Σ	2005	6360
			2009	3750
			2010	4458
National electrical consumption, calculated to represent 100% of the national values	GWh	Σ	2005	252765
			2009	258881
			2010	267034
Consumption load 3:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	21.12.05	27948
			21.01.09	25684
			15.07.10	25922
Consumption load 11:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	21.12.05	38615
			16.12.09	43154
			17.02.10	40890
Highest load on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	21.12.05	40972
			16.12.09	44058
			15.12.10	42301
Time of highest load on the 3rd Wednesday	CET	21.12.05	19:00	
		16.12.09	18:00	
		15.12.10	20:00	

Physical exchanges in interconnected operation ¹

Spain

GWh

MM_YY	Export (-)				Import (+)				Total_IMP - Total_EXP	Balance
	ES→FR	ES→PT	ES→MA	Total_EXP	FR→ES	PT→ES	MA→ES	Total_IMP		
I.05	8	942	65	1015	948	409	14	1371	356	
II.05	30	682	31	743	741	338	15	1094	351	
III.05	52	742	48	842	645	281	15	941	99	
IV.05	35	683	37	755	646	188	13	847	92	
V.05	9	716	64	789	803	158	9	970	181	
VI.05	32	677	36	745	715	216	15	946	201	
VII.05	77	782	40	899	677	267	10	954	55	
VIII.05	30	659	160	849	578	117	1	696	-153	
IX.05	56	858	114	1028	402	148	3	553	-475	
X.05	113	931	151	1195	419	150	2	571	-624	
XI.05	126	894	104	1124	295	181	4	480	-644	
XII.05	181	911	48	1140	415	353	10	778	-362	
2005	749	9477	898	11124	7284	2806	111	10201	-923	
I.09	322	820	166	1308	226	243	3	472	-836	
II.09	276	471	206	953	175	349	2	526	-427	
III.09	148	545	183	876	429	294	3	726	-150	
IV.09	92	732	330	1154	505	149	0	654	-500	
V.09	79	698	467	1244	652	173	0	825	-419	
VI.09	188	743	444	1375	465	157	0	622	-753	
VII.09	250	739	535	1524	443	155	0	598	-926	
VIII.09	130	558	551	1239	284	193	0	477	-762	
IX.09	129	485	459	1073	212	195	0	407	-666	
X.09	163	583	528	1274	195	164	0	359	-915	
XI.09	224	654	386	1264	198	214	0	412	-852	
XII.09	350	411	343	1104	173	533	0	706	-398	
2009	2351	7439	4598	14388	3957	2819	8	6784	-7604	
I.10	468	336	195	999	122	617	2	741	-258	
II.10	371	416	78	865	47	350	9	406	-459	
III.10	440	385	161	986	91	358	12	461	-525	
IV.10	363	323	346	1032	36	287	0	323	-709	
V.10	239	345	338	922	107	291	0	398	-524	
VI.10	229	534	402	1165	246	122	0	368	-797	
VII.10	186	671	438	1295	220	100	0	320	-975	
VIII.10	75	691	486	1252	458	80	0	538	-714	
IX.10	200	603	491	1294	279	87	0	366	-928	
X.10	300	689	498	1487	148	70	0	218	-1269	
XI.10	201	456	301	958	183	232	1	416	-542	
XII.10	440	218	204	862	54	596	9	659	-203	
2010	3512	5667	3938	13117	1991	3190	33	5214	-7903	

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".

Finland

Yearly values / Operation

Thermal nuclear net generation	GWh	Σ	2005	22334
			2009	22601
			2010	21884
Fossil fuels net generation	GWh	Σ	2005	31764
			2009	24869
			2010	30961
Hydraulic net generation	GWh	Σ	2005	13597
			2009	12573
			2010	12765
Other renewable net generation	GWh	Σ	2005	167
			2009	8529
			2010	10646
- of which wind	GWh	Σ	2005	167
			2009	277
			2010	293
- of which solar	GWh	Σ	2005	n.a.
			2009	0
			2010	0
Non-identifiable net generation	GWh	Σ	2005	0
			2009	636
			2010	711
Total net generation calculated to represent 100% of the national values	GWh	Σ	2005 ¹	67862
			2009 ¹	69207
			2010 ¹	76967
Sum of physical imports	GWh	Σ	2005	n.a.
			2009	15462
			2010	16354
Sum of physical exports	GWh	Σ	2005	n.a.
			2009	3377
			2010	5878
Total exchange balance	GWh	Σ	2005	n.a.
			2009	n.a.
			2010	10500
Consumption of pumps	GWh	Σ	2005	n.a.
			2009	0
			2010	0
National electrical consumption, calculated to represent 100% of the national values	GWh	Σ	2005	85006
			2009	81292
			2010	87467
Consumption load 3:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	2005	n.a.
			2009	n.a.
			15.12.10	11501
Consumption load 11:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	2005	n.a.
			2009	n.a.
			15.12.10	13591
Highest load on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	2005	n.a.
			2009	n.a.
			15.12.10	13923
Time of highest load on the 3rd Wednesday	CET		2005	n.a.
			2009	n.a.
			15.12.10	16:00

¹Including deliveries from industry

MM_YY	Total_EXP				Total_IMP				Total_IMP - Total_EXP	Balance
	FI→EE	FI→NO	FI→SE	FI→RU	EE→FI	NO→FI	SE→FI	RU→FI		
	Export (-)				Import (+)					
I.05	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
II.05	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
III.05	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
IV.05	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
V.05	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
VI.05	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
VII.05	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
VIII.05	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
IX.05	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
X.05	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
XI.05	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
XII.05	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
2005	n.a.	131	1394	0	n.a.	164	7193	11312	n.a.	n.a.
I.09	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
II.09	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
III.09	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
IV.09	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
V.09	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
VI.09	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
VII.09	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
VIII.09	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
IX.09	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
X.09	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
XI.09	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
XII.09	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
2009	87	128	3162	0	1786	113	1855	11708	15462	12085
I.10	0	14	329	0	213	3	100	1065	1381	1038
II.10	0	21	557	0	223	0	157	932	1312	734
III.10	0	40	946	0	246	0	1	1060	1307	321
IV.10	1	36	881	0	222	0	11	934	1167	249
V.10	24	13	396	0	172	9	191	1019	1391	958
VI.10	24	5	296	0	121	4	189	976	1290	965
VII.10	31	5	36	0	90	38	698	494	1320	1248
VIII.10	61	0	43	0	45	24	570	990	1629	1525
IX.10	65	0	277	0	66	21	235	1023	1345	1003
X.10	30	1	502	0	101	11	174	1059	1345	812
XI.10	10	17	472	0	200	2	234	1031	1467	968
XII.10	0	10	735	0	268	3	76	1053	1400	655
2010	246	162	5470	0	1967	115	2636	11636	16354	10476

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

Yearly values / Operation

Thermal nuclear net generation	GWh	Σ	2005	429978
			2009	389999
			2010	407877
Fossil fuels net generation	GWh	Σ	2005	58956
			2009	54818
			2010	59453
Hydraulic net generation	GWh	Σ	2005	55983
			2009	61753
			2010	67995
Other renewable net generation	GWh	Σ	2005	4321
			2009	12232
			2010	14984
- of which wind	GWh	Σ	2005	992
			2009	7779
			2010	9603
- of which solar	GWh	Σ	2005	n.a.
			2009	139
			2010	562
Non-identifiable net generation	GWh	Σ	2005	0
			2009	0
			2010	0
Total net generation calculated to represent 100% of the national values	GWh	Σ	2005	549238
			2009	518802
			2010	550309
Sum of physical imports	GWh	Σ	2005	7595
			2009	19154
			2010	19950
Sum of physical exports	GWh	Σ	2005	66248
			2009	43281
			2010	48563
Total exchange balance	GWh	Σ	2005	-60248
			2009	-25702
			2010	-30520
Consumption of pumps	GWh	Σ	2005	6590
			2009	6707
			2010	6497
National electrical consumption, calculated to represent 100% of the national values	GWh	Σ	2005	482400
			2009	486393
			2010	513292
Consumption load 3:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	21.12.05	66631
			16.12.09	72868
			15.12.10	78377
Consumption load 11:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	21.12.05	80254
			16.12.09	85207
			15.12.10	93188
Highest load on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	21.12.05	82319
			16.12.09	89719
			15.12.10	96710
Time of highest load on the 3rd Wednesday		CET	21.12.05	19:00
			16.12.09	19:00
			15.12.10	19:00

MM_YY	Export (-)							Import (+)							Total_IMP - Total_EXP
	FR→BE	FR→CH	FR→DE	FR→ES	FR→GB	FR→IT	Total_EXP	BE→FR	CH→FR	DE→FR	ES→FR	GB→FR	IT→FR	Total_IMP	
I.05	264	951	1009	948	880	1424	5476	299	255	8	8	105	90	765	
II.05	163	605	698	741	628	1138	3973	442	327	130	30	208	96	1233	
III.05	416	787	770	645	866	1278	4762	392	268	214	52	118	57	1101	
IV.05	180	820	1137	646	872	1246	4901	253	129	15	35	81	49	562	
V.05	593	914	2067	803	1133	1268	6778	66	82	0	9	25	50	232	
VI.05	916	804	1779	715	798	1193	6205	54	237	11	32	55	52	441	
VII.05	377	591	1412	677	860	1238	5155	194	327	5	77	56	43	702	
VIII.05	1060	807	2364	578	1247	873	6929	73	90	14	30	9	59	275	
IX.05	1135	751	1735	402	713	1238	5974	27	179	1	56	91	36	390	
X.05	716	1059	1219	419	1133	1527	6073	61	80	16	113	5	21	296	
XI.05	627	1078	1281	295	1240	1276	5797	97	186	33	126	10	50	502	
XII.05	308	807	762	415	1139	794	4225	264	477	47	181	28	99	1096	
2005	6755	9974	16233	7284	11509	14493	66248	2222	2637	494	749	791	702	7595	
I.09	238	1044	1086	226	467	1116	4177	492	275	66	322	367	130	1652	
II.09	274	1014	1152	175	432	1168	4215	318	139	1	276	203	112	1049	
III.09	249	1266	1172	429	544	1525	5185	400	37	39	148	193	71	888	
IV.09	130	563	529	505	959	1050	3736	457	293	98	92	45	95	1080	
V.09	276	444	1372	652	1312	1083	5139	288	252	31	79	10	64	724	
VI.09	162	322	625	465	790	1001	3365	509	477	280	188	29	74	1557	
VII.09	36	335	633	443	848	979	3274	891	497	272	250	68	96	2074	
VIII.09	55	442	1288	284	620	674	3363	538	493	40	130	167	50	1418	
IX.09	83	624	806	212	203	836	2764	645	389	52	129	361	70	1646	
X.09	55	653	464	195	50	667	2074	772	568	248	163	707	188	2646	
XI.09	64	750	682	198	316	920	2930	619	248	156	224	597	130	1974	
XII.09	87	854	798	173	348	799	3059	701	496	153	350	611	135	2446	
2009	1709	8311	10607	3957	6889	11808	43281	6630	4164	1436	2351	3358	1215	19154	
I.10	111	745	576	122	145	811	2510	805	652	239	468	797	115	3076	
II.10	84	840	910	47	222	1057	3160	601	426	57	371	714	75	2244	
III.10	140	1084	1308	91	336	1171	4130	610	324	28	440	701	77	2180	
IV.10	153	924	1244	36	381	1020	3758	449	147	7	363	314	83	1363	
V.10	155	672	920	107	671	861	3386	596	276	52	239	186	55	1404	
VI.10	566	748	1934	246	992	1230	5716	117	165	3	229	14	35	563	
VII.10	380	641	1690	220	1033	1311	5275	178	362	6	186	21	66	819	
VIII.10	478	786	2408	458	1297	839	6266	126	246	0	75	4	96	547	
IX.10	359	783	1507	279	594	947	4469	248	377	6	200	122	48	1001	
X.10	80	858	924	148	247	867	3124	849	697	168	300	599	111	2724	
XI.10	222	902	1096	183	548	967	3908	499	543	99	201	355	87	1784	
XII.10	320	696	609	54	670	512	2861	324	905	130	440	282	164	2245	
2010	3048	9679	15126	1991	7136	11583	48563	5402	5120	795	3512	4109	1012	19950	

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".

Thermal nuclear net generation	GWh	Σ	2005	n.a.
			2009	65044
			2010	58203
Fossil fuels net generation	GWh	Σ	2005	n.a.
			2009	244411
			2010	254647
Hydraulic net generation	GWh	Σ	2005	n.a.
			2009	6064
			2010	5207
Other renewable net generation	GWh	Σ	2005	n.a.
			2009	1092
			2010	3327
- of which wind	GWh	Σ	2005	n.a.
			2009	1089
			2010	3327
- of which solar	GWh	Σ	2005	n.a.
			2009	0
			2010	0
Non-identifiable net generation	GWh	Σ	2005	n.a.
			2009	0
			2010	0
Total net generation calculated to represent 100% of the national values	GWh	Σ	2005	n.a.
			2009	316612
			2010	332569
Sum of physical imports	GWh	Σ	2005	n.a.
			2009	6903
			2010	7136
Sum of physical exports	GWh	Σ	2005	n.a.
			2009	5350
			2010	6408
Total exchange balance	GWh	Σ	2005	n.a.
			2009	n.a.
			2010	6185
Consumption of pumps	GWh	Σ	2005	n.a.
			2009	n.a.
			2010	3045
National electrical consumption, calculated to represent 100% of the national values	GWh	Σ	2005	n.a.
			2009	314600
			2010	335709
Consumption load 3:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	2005	n.a.
			2009	n.a.
			15.12.10	38283
Consumption load 11:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	2005	n.a.
			2009	n.a.
			15.12.10	52289
Highest load on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	2005	n.a.
			2009	n.a.
			15.12.10	59008
Time of highest load on the 3rd Wednesday		CET	2005	n.a.
			2009	n.a.
			15.12.10	19:00

Physical exchanges in interconnected operation ¹

MM_YY	Export (-)		Import (+)		Total_IMP - Total_EXP	Balance
	GB→FR	GB→NI	FR→GB	NI→GB		
I.05		n.a.	880	n.a.	n.a.	n.a.
II.05	105	n.a.	628	n.a.	n.a.	n.a.
III.05	208	n.a.	866	n.a.	n.a.	n.a.
IV.05	118	n.a.	872	n.a.	n.a.	n.a.
V.05	81	n.a.	1133	n.a.	n.a.	n.a.
VI.05	25	n.a.	798	n.a.	n.a.	n.a.
VII.05	55	n.a.	860	n.a.	n.a.	n.a.
VIII.05	9	n.a.	1247	n.a.	n.a.	n.a.
IX.05	91	n.a.	713	n.a.	n.a.	n.a.
X.05	5	n.a.	1133	n.a.	n.a.	n.a.
XI.05	10	n.a.	1240	n.a.	n.a.	n.a.
XII.05	28	n.a.	1139	n.a.	n.a.	n.a.
2005	791	n.a.	11509	n.a.	n.a.	n.a.
I.09	367	n.a.	467	n.a.	n.a.	n.a.
II.09	203	n.a.	432	n.a.	n.a.	n.a.
III.09	193	n.a.	544	n.a.	n.a.	n.a.
IV.09	45	n.a.	959	n.a.	n.a.	n.a.
V.09	10	n.a.	1312	n.a.	n.a.	n.a.
VI.09	29	n.a.	790	n.a.	n.a.	n.a.
VII.09	68	n.a.	848	n.a.	n.a.	n.a.
VIII.09	167	n.a.	620	n.a.	n.a.	n.a.
IX.09	361	n.a.	203	n.a.	n.a.	n.a.
X.09	707	n.a.	50	n.a.	n.a.	n.a.
XI.09	597	n.a.	316	n.a.	n.a.	n.a.
XII.09	611	n.a.	348	n.a.	n.a.	n.a.
2009	3358	1992	6889	14	6903	1553
I.10	797	235	145	0	145	-887
II.10	714	218	222	0	222	-710
III.10	701	248	336	0	336	-613
IV.10	314	190	381	0	381	-123
V.10	186	223	671	0	671	262
VI.10	14	82	992	0	992	896
VII.10	21	155	1033	0	1033	857
VIII.10	4	220	1297	0	1297	1073
IX.10	122	134	594	0	594	338
X.10	599	139	247	0	247	-491
XI.10	355	165	548	0	548	28
XII.10	282	290	670	0	670	98
2010	4109	2299	7136	0	7136	728

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".

Thermal nuclear net generation	GWh	Σ	2005	0
			2009	0
			2010	0
Fossil fuels net generation	GWh	Σ	2005	43304
			2009	41617
			2010	37920
Hydraulic net generation	GWh	Σ	2005	5583
			2009	5613
			2010	7457
Other renewable net generation	GWh	Σ	2005	1056
			2009	2280
			2010	2503
- of which wind	GWh	Σ	2005	946
			2009	1909
			2010	2062
- of which solar	GWh	Σ	2005	n.a.
			2009	47
			2010	133
Non-identifiable net generation	GWh	Σ	2005	0
			2009	0
			2010	0
Total net generation calculated to represent 100% of the national values	GWh	Σ	2005 ¹	49943
			2009 ¹	49510
			2010 ¹	47880
Sum of physical imports	GWh	Σ	2005	5386
			2009	7604
			2010	8523
Sum of physical exports	GWh	Σ	2005	1838
			2009	3224
			2010	2801
Total exchange balance	GWh	Σ	2005	3781
			2009	4368
			2010	5708
Consumption of pumps	GWh	Σ	2005	848
			2009	386
			2010	37
National electrical consumption, calculated to represent 100% of the national values	GWh	Σ	2005	52876
			2009	53492
			2010	53551
Consumption load 3:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	20.07.05	5993
			15.07.09	5549
			21.07.10	6230
Consumption load 11:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	20.07.05	8838
			15.07.09	8625
			21.07.10	9279
Highest load on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	20.07.05	9140
			15.07.09	8936
			16.06.10	9732
Time of highest load on the 3rd Wednesday	CET		20.07.05	13:00
			15.07.09	13:00
			16.06.10	13:00

¹Including deliveries from industry

Physical exchanges in interconnected operation ¹

Greece GWh

MM_YY	Export (-)						Import (+)						Total_IMP - Total_EXP	Balance
	GR→BG	GR→IT	GR→MK	GR→AL	GR→TR	Total_EXP	BG→GR	IT→GR	MK→GR	AL→GR	TR→GR	Total_IMP		
I.05	0	119	4	91	0	214	408	0	52	0	0	460	246	
II.05	0	72	15	106	0	193	411	0	37	0	0	448	255	
III.05	0	285	16	76	0	377	375	0	50	0	0	425	48	
IV.05	0	158	0	40	0	198	319	0	90	0	0	409	211	
V.05	0	20	1	18	0	39	211	2	82	12	0	307	268	
VI.05	0	0	11	55	0	66	377	21	60	3	0	461	395	
VII.05	0	0	2	70	0	72	436	74	75	0	0	585	513	
VIII.05	0	0	6	71	0	77	395	69	63	0	0	527	450	
IX.05	0	27	0	79	0	106	367	38	93	0	0	498	392	
X.05	0	2	2	119	0	123	373	27	77	0	0	477	354	
XI.05	0	28	2	131	0	161	431	13	81	0	0	525	364	
XII.05	0	0	12	200	0	212	450	24	36	0	0	510	298	
2005	0	711	71	1056	0	1838	4553	268	796	15	0	5632	3794	
I.09	0	162	0	135	0	297	271	14	295	0	0	580	283	
II.09	0	239	0	43	0	282	285	5	295	7	0	592	310	
III.09	0	190	0	87	0	277	328	25	401	0	0	754	477	
IV.09	0	222	0	3	0	225	213	53	247	37	0	550	325	
V.09	0	126	0	17	0	143	212	23	316	15	0	566	423	
VI.09	0	125	0	32	0	157	352	50	456	2	0	860	703	
VII.09	0	138	0	44	0	182	438	4	491	0	0	933	751	
VIII.09	0	161	0	130	0	291	300	4	355	0	0	659	368	
IX.09	0	169	0	143	0	312	242	58	243	0	0	543	231	
X.09	0	177	6	167	0	350	244	32	178	0	0	454	104	
XI.09	0	207	0	138	0	345	272	30	248	0	0	550	205	
XII.09	0	268	0	95	0	363	261	16	286	0	0	563	200	
2009	0	2184	6	1034	0	3224	3418	314	3811	61	0	7604	4380	
I.10	0	312	0	19	0	331	214	2	286	22	0	524	193	
II.10	1	200	0	13	0	214	227	1	312	14	0	554	340	
III.10	0	206	0	1	0	207	279	15	357	77	0	728	521	
IV.10	0	71	0	1	0	72	243	17	356	91	0	707	635	
V.10	0	0	0	2	0	2	167	0	359	105	0	631	629	
VI.10	0	41	0	17	0	58	345	11	507	26	0	889	831	
VII.10	0	239	0	105	0	344	458	3	502	0	0	963	619	
VIII.10	0	213	0	114	0	327	480	11	481	0	0	972	645	
IX.10	0	163	0	112	0	275	353	1	308	0	109	771	496	
X.10	0	282	6	59	0	347	220	5	120	14	230	589	242	
XI.10	0	241	1	26	0	268	245	6	128	23	212	614	346	
XII.10	0	331	1	24	0	356	222	0	141	33	185	581	225	
2010	1	2299	8	493	0	2801	3453	72	3857	405	736	8523	5722	

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".

Croatia

Yearly values / Operation

Thermal nuclear net generation	GWh	Σ	2005	0
			2009	0
			2010	0
Fossil fuels net generation	GWh	Σ	2005	5177
			2009	5190
			2010	4801
Hydraulic net generation	GWh	Σ	2005	6397
			2009	6775
			2010	8313
Other renewable net generation	GWh	Σ	2005	21
			2009	52
			2010	135
- of which wind	GWh	Σ	2005	11
			2009	43
			2010	117
- of which solar	GWh	Σ	2005	n.a.
			2009	0
			2010	1
Non-identifiable net generation	GWh	Σ	2005	0
			2009	7
			2010	2
Total net generation calculated to represent 100% of the national values	GWh	Σ	2005 ¹	11595
			2009 ¹	12024
			2010 ¹	13251
Sum of physical imports	GWh	Σ	2005	14638
			2009	11871
			2010	12359
Sum of physical exports	GWh	Σ	2005	9286
			2009	6178
			2010	7696
Total exchange balance	GWh	Σ	2005	5113
			2009	5686
			2010	4479
Consumption of pumps	GWh	Σ	2005	151
			2009	203
			2010	136
National electrical consumption, calculated to represent 100% of the national values	GWh	Σ	2005	16557
			2009	17507
			2010	17594
Consumption load 3:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	21.12.05	1643
			18.02.09	1703
			15.12.10	1919
Consumption load 11:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	19.01.05	2521
			18.02.09	2794
			15.12.10	2814
Highest load on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	21.12.05	2810
			18.02.09	3035
			15.12.10	3116
Time of highest load on the 3rd Wednesday		CET	21.12.05	18:00
			18.02.09	20:00
			15.12.10	19:00

¹Including deliveries from industry

MM_YY	Total_EXP					Import (-)					Total_IMP	Total_IMP - Total_EXP
	HR→BA	HR→CS	HR→HU	HR→RS	HR→SI	BA→HR	CS→HR	HU→HR	RS→HR	SI→HR		
I.05	107	0	0	0	768	275	377	672		22	1346	471
II.05	131	0	0	0	688	225	371	647		46	1289	470
III.05	90	0	0	0	849	352	380	601		29	1362	423
IV.05	85	0	0	0	737	257	318	523		60	1158	336
V.05	79	0	0	0	578	194	265	432		99	990	333
VI.05	102	0	0	0	611	245	300	520		66	1131	418
VII.05	143	1	0	0	649	183	299	621		130	1233	440
VIII.05	139	0	0	0	477	161	284	469		177	1091	475
IX.05	74	0	0	0	582	238	328	418		140	1124	468
X.05	103	0	0	0	695	222	374	517		137	1250	452
XI.05	163	0	0	0	581	184	440	573		140	1337	593
XII.05	124	1	0	0	729	199	402	696		30	1327	473
2005	1340	2	0	0	7944	2735	4138	6689		1076	14638	5352
I.09	73	0	0	0	604	322	451	451	193	126	1092	415
II.09	43	0	0	0	686	450	406	406	181	72	1109	380
III.09	68	0	0	0	594	345	440	440	173	157	1115	453
IV.09	75	0	0	0	533	345	309	309	138	24	816	208
V.09	78	0	4	0	312	245	126	118	118	385	874	480
VI.09	82	1	0	0	374	266	221	140	140	375	1002	545
VII.09	91	0	0	0	320	196	169	169	130	538	1033	622
VIII.09	123	0	0	0	121	130	101	106	106	506	843	599
IX.09	102	0	0	0	244	199	128	84	84	452	863	517
X.09	77	0	0	0	445	255	195	147	147	398	995	473
XI.09	60	0	3	0	509	348	376	186	186	204	1114	542
XII.09	102	0	0	0	454	179	388	111	111	337	1015	459
2009	974	8	0	0	5196	3280	3310	1707	1707	3574	11871	5693
I.10	97	0	0	0	614	426	299	145	145	190	1060	349
II.10	53	0	0	0	708	465	313	146	146	145	1069	308
III.10	61	0	0	11	751	520	203	149	149	200	1072	249
IV.10	67	1	2	0	656	448	138	174	174	179	939	213
V.10	69	15	15	0	585	528	46	153	153	260	987	318
VI.10	57	17	0	0	445	373	90	170	170	306	939	420
VII.10	115	0	0	0	333	207	331	159	159	357	1054	606
VIII.10	206	3	0	0	104	111	342	76	76	415	944	631
IX.10	121	1	1	1	340	229	339	86	86	322	976	513
X.10	99	0	0	0	492	400	522	133	133	48	1103	512
XI.10	86	4	0	0	693	522	308	160	160	136	1126	343
XII.10	78	0	52	0	759	698	114	189	189	89	1090	201
2010	1109	93	14	14	6480	4927	3045	1740	1740	2647	12359	4663

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

Hungary

Yearly values / Operation

Thermal nuclear net generation	GWh	Σ	2005	13005
			2009	14570
			2010	14830
Fossil fuels net generation	GWh	Σ	2005	17884
			2009	15817
			2010	16503
Hydraulic net generation	GWh	Σ	2005	200
			2009	222
			2010	181
Other renewable net generation	GWh	Σ	2005	1400
			2009	1904
			2010	2267
- of which wind	GWh	Σ	2005	11
			2009	300
			2010	503
- of which solar	GWh	Σ	2005	n.a.
			2009	0
			2010	0
Non-identifiable net generation	GWh	Σ	2005	585
			2009	0
			2010	0
Total net generation calculated to represent 100% of the national values	GWh	Σ	2005 ¹	33089
			2009 ¹	32513
			2010 ¹	33781
Sum of physical imports	GWh	Σ	2005	15635
			2009	10971
			2010	9897
Sum of physical exports	GWh	Σ	2005	9411
			2009	5463
			2010	4706
Total exchange balance	GWh	Σ	2005	6225
			2009	5513
			2010	5195
Consumption of pumps	GWh	Σ	2005	0
			2009	0
			2010	0
National electrical consumption, calculated to represent 100% of the national values	GWh	Σ	2005	39314
			2009	38026
			2010	38976
Consumption load 3:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	19.01.05	4459
			18.02.09	4494
			15.12.10	3969
Consumption load 11:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	19.01.05	5747
			21.01.09	5836
			15.12.10	5430
Highest load on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	19.01.05	6146
			16.12.09	6252
			15.12.10	5937
Time of highest load on the 3rd Wednesday		CET	19.01.05	17:00
			16.12.09	18:00
			15.12.10	17:00

¹Including deliveries from industry

MM_YY	Export (-)								Import (-)								Total_IMP - Total_EXP	Balance
	HU→AT	HU→CS	HU→HR	HU→RO	HU→RS	HU→SK	HU→UA_W	Total_EXP	AT→HU	CS→HU	HR→HU	RO→HU	RS→HU	SK→HU	UA_W→HU	Total_IMP		
I.05	59	175	672	28		0	0	934	23	0	0	81		918	438	1460	526	
II.05	24	198	647	8		0	0	877	62	0	0	99		822	406	1379	502	
III.05	19	90	601	18		0	15	743	67	2	0	82		785	386	1322	579	
IV.05	22	100	523	19		0	3	667	165	6	0	45		680	403	1299	632	
V.05	20	129	432	11		0	2	594	74	0	0	112		653	389	1228	634	
VI.05	12	140	520	7		0	0	679	76	0	0	113		612	353	1154	475	
VII.05	183	132	621	13		0	0	949	57	0	0	94		895	228	1274	325	
VIII.05	153	181	469	6		0	5	814	49	0	0	102		581	373	1105	291	
IX.05	50	99	418	10		0	1	578	106	3	0	97		500	412	1118	540	
X.05	103	90	517	18		0	0	728	45	3	0	105		744	426	1349	621	
XI.05	126	124	573	4		0	0	827	45	2	0	136		749	509	1441	614	
XII.05	86	235	696	4		0	0	1021	24	0	0	124		867	491	1506	485	
2005	857	1693	6689	146		0	26	9411	809	16	0	1190		8906	4814	15635	6224	
I.09	40	451	451	14	160	0	2	667	68	0	0	50	0	546	351	1015	348	
II.09	46	406	406	3	122	0	4	581	52	0	0	81	0	422	295	850	269	
III.09	2	100	440	9	142	0	15	608	174	0	0	53	0	610	355	1192	584	
IV.09	27	309	309	8	65	0	20	429	97	0	0	75	3	403	192	770	341	
V.09	3	140	126	21	36	0	30	216	207	0	4	80	19	421	47	778	562	
VI.09	12	221	221	51	43	0	32	359	96	0	1	32	36	459	203	827	468	
VII.09	7	169	169	22	86	0	12	296	143	0	42	42	6	654	267	1112	816	
VIII.09	5	101	101	26	98	0	21	251	186	0	0	45	0	374	197	802	551	
IX.09	28	128	128	21	81	0	6	264	138	0	0	46	2	563	306	1055	791	
X.09	38	195	195	35	117	0	15	400	141	0	0	31	9	514	248	943	543	
XI.09	27	376	376	21	149	0	25	598	33	3	3	49	0	451	226	762	164	
XII.09	5	388	388	76	266	0	59	794	58	0	0	3	0	583	221	865	71	
2009	240	3310	3310	307	1365	0	241	5463	1393	16	8	587	75	6000	2908	10971	5508	
I.10	15	299	299	33	123	0	44	514	31	0	0	37	3	353	256	680	166	
II.10	7	313	313	31	86	0	42	479	35	0	0	27	2	373	215	652	173	
III.10	5	203	203	30	61	0	80	379	36	0	0	32	16	447	107	638	259	
IV.10	69	138	138	12	6	0	11	236	42	1	1	82	63	517	83	788	552	
V.10	60	46	46	14	0	0	48	168	83	15	90	158	88	339	89	774	606	
VI.10	16	90	90	3	5	0	47	161	115	17	123	123	88	393	140	876	715	
VII.10	9	331	331	2	1	0	2	345	201	0	143	70	602	214	1230	885		
VIII.10	14	342	342	9	15	0	11	391	168	3	3	119	18	539	96	943	552	
IX.10	27	339	339	5	9	0	23	403	140	1	144	144	35	447	118	885	482	
X.10	65	522	522	0	51	0	14	652	113	0	165	165	6	558	284	1126	474	
XI.10	149	308	308	4	32	3	33	529	37	4	114	26	280	241	702	173		
XII.10	205	114	114	3	3	53	71	449	13	52	176	59	86	217	603	154		
2010	641	3045	3045	146	392	56	426	4706	1014	93	1252	544	544	4934	2060	9897	5191	

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".

Ireland

Yearly values / Operation

Thermal nuclear net generation	GWh	Σ	2005 2009 2010	n.a. 0 0
Fossil fuels net generation	GWh	Σ	2005 2009 2010	n.a. 22118 23025
Hydraulic net generation	GWh	Σ	2005 2009 2010	n.a. 1244 726
Other renewable net generation	GWh	Σ	2005 2009 2010	n.a. 3149 2820
- of which wind	GWh	Σ	2005 2009 2010	n.a. 2979 2820
- of which solar	GWh	Σ	2005 2009 2010	n.a. 0 0
Non-identifiable net generation	GWh	Σ	2005 2009 2010	n.a. 87 248
Total net generation calculated to represent 100% of the national values	GWh	Σ	2005 2009 ¹ 2010 ¹	n.a. 26598 26819
Sum of physical imports	GWh	Σ	2005 2009 2010	n.a. 997 744
Sum of physical exports	GWh	Σ	2005 2009 2010	n.a. 216 293
Total exchange balance	GWh	Σ	2005 2009 2010	n.a. n.a. 469
Consumption of pumps	GWh	Σ	2005 2009 2010	n.a. n.a. 287
National electrical consumption, calculated to represent 100% of the national values	GWh	Σ	2005 2009 2010	n.a. 26248 27001
Consumption load 3:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	2005 2009 15.12.10	n.a. n.a. 2906
Consumption load 11:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	2005 2009 15.12.10	n.a. n.a. 3960
Highest load on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	2005 2009 15.12.10	0 0 4664
Time of highest load on the 3rd Wednesday		CET	2005 2009 15.12.10	n.a. n.a. 19:00

¹Including deliveries from industry

Physical exchanges in interconnected operation ¹

Ireland

GWh

MM_YY	Total_EXP		Total_IMP		Total_IMP - Total_EXP
	IE → NI	Export (-)	NI → IE	Import (+)	
I.05	n.a.	n.a.	n.a.	n.a.	n.a.
II.05	n.a.	n.a.	n.a.	n.a.	n.a.
III.05	n.a.	n.a.	n.a.	n.a.	n.a.
IV.05	n.a.	n.a.	n.a.	n.a.	n.a.
V.05	n.a.	n.a.	n.a.	n.a.	n.a.
VI.05	n.a.	n.a.	n.a.	n.a.	n.a.
VII.05	n.a.	n.a.	n.a.	n.a.	n.a.
VIII.05	n.a.	n.a.	n.a.	n.a.	n.a.
IX.05	n.a.	n.a.	n.a.	n.a.	n.a.
X.05	n.a.	n.a.	n.a.	n.a.	n.a.
XI.05	n.a.	n.a.	n.a.	n.a.	n.a.
XII.05	n.a.	n.a.	n.a.	n.a.	n.a.
2005	n.a.	n.a.	n.a.	n.a.	n.a.
I.09	n.a.	n.a.	n.a.	n.a.	n.a.
II.09	n.a.	n.a.	n.a.	n.a.	n.a.
III.09	n.a.	n.a.	n.a.	n.a.	n.a.
IV.09	n.a.	n.a.	n.a.	n.a.	n.a.
V.09	n.a.	n.a.	n.a.	n.a.	n.a.
VI.09	n.a.	n.a.	n.a.	n.a.	n.a.
VII.09	n.a.	n.a.	n.a.	n.a.	n.a.
VIII.09	n.a.	n.a.	n.a.	n.a.	n.a.
IX.09	n.a.	n.a.	n.a.	n.a.	n.a.
X.09	n.a.	n.a.	n.a.	n.a.	n.a.
XI.09	n.a.	n.a.	n.a.	n.a.	n.a.
XII.09	n.a.	n.a.	n.a.	n.a.	n.a.
2009	216	216	997	997	781
I.10	5	5	135	135	130
II.10	9	9	106	106	97
III.10	14	14	72	72	58
IV.10	19	19	50	50	31
V.10	3	3	102	99	27
VI.10	18	18	45	45	-17
VII.10	41	41	24	24	37
VIII.10	17	17	15	15	-58
IX.10	73	73	23	23	-14
X.10	37	37	26	26	-22
XI.10	48	48	92	92	83
XII.10	9	9	744	744	451
2010	293	293	744	744	451

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".

Thermal nuclear net generation	GWh	Σ	2005 2009 2010	n.a. 0 0
Fossil fuels net generation	GWh	Σ	2005 2009 2010	n.a. 5014 5202
Hydraulic net generation	GWh	Σ	2005 2009 2010	n.a. 0 0
Other renewable net generation	GWh	Σ	2005 2009 2010	n.a. 0 33
- of which wind	GWh	Σ	2005 2009 2010	n.a. 0 33
- of which solar	GWh	Σ	2005 2009 2010	n.a. 0 0
Non-identifiable net generation	GWh	Σ	2005 2009 2010	n.a. 0 0
Total net generation calculated to represent 100% of the national values	GWh	Σ	2005 2009 2010	n.a. 5014 5235
Sum of physical imports	GWh	Σ	2005 2009 2010	0 0 0
Sum of physical exports	GWh	Σ	2005 2009 2010	0 0 0
Total exchange balance	GWh	Σ	2005 2009 2010	0 0 0
Consumption of pumps	GWh	Σ	2005 2009 2010	0 0 0
National electrical consumption, calculated to represent 100% of the national values	GWh	Σ	2005 2009 2010	n.a. 5014 5235
Consumption load 3:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	2005 2009 2010	n.a. n.a. n.a.
Consumption load 11:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	2005 2009 2010	n.a. n.a. n.a.
Highest load on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	2005 2009 2010	n.a. n.a. 983
Time of highest load on the 3rd Wednesday		CET	2005 2009 2010	n.a. n.a. 14:00

Iceland

Yearly values / Operation

Thermal nuclear net generation	GWh	Σ	2005	0
			2009	0
			2010	0
Fossil fuels net generation	GWh	Σ	2005	8
			2009	0
			2010	12
Hydraulic net generation	GWh	Σ	2005	7013
			2009	12300
			2010	12484
Other renewable net generation	GWh	Σ	2005	1658
			2009	4600
			2010	4183
- of which wind	GWh	Σ	2005	0
			2009	0
			2010	0
- of which solar	GWh	Σ	2005	n.a.
			2009	0
			2010	0
Non-identifiable net generation	GWh	Σ	2005	0
			2009	0
			2010	0
Total net generation calculated to represent 100% of the national values	GWh	Σ	2005	8679
			2009	16900
			2010	16679
Sum of physical imports	GWh	Σ	2005	0
			2009	0
			2010	0
Sum of physical exports	GWh	Σ	2005	0
			2009	0
			2010	0
Total exchange balance	GWh	Σ	2005	0
			2009	0
			2010	0
Consumption of pumps	GWh	Σ	2005	0
			2009	0
			2010	0
National electrical consumption, calculated to represent 100% of the national values	GWh	Σ	2005	8679
			2009	16300
			2010	16679
Consumption load 3:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	2005	n.a.
			2009	n.a.
			15.12.10	1906
Consumption load 11:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	2005	n.a.
			2009	n.a.
			15.12.10	2086
Highest load on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	2005	n.a.
			2009	n.a.
			15.12.10	2113
Time of highest load on the 3rd Wednesday		CET	2005	n.a.
			2009	n.a.
			15.12.10	19:00

Thermal nuclear net generation	GWh	Σ	2005	0
			2009	0
			2010	0
Fossil fuels net generation	GWh	Σ	2005	241071
			2009	216196
			2010	220938
Hydraulic net generation	GWh	Σ	2005	42386
			2009	52843
			2010	53798
Other renewable net generation	GWh	Σ	2005	7368
			2009	12179
			2010	15970
- of which wind	GWh	Σ	2005	2330
			2009	6485
			2010	9047
- of which solar	GWh	Σ	2005	n.a.
			2009	676
			2010	1875
Non-identifiable net generation	GWh	Σ	2005	0
			2009	0
			2010	0
Total net generation calculated to represent 100% of the national values	GWh	Σ	2005	290825
			2009	281218
			2010	290706
Sum of physical imports	GWh	Σ	2005	50039
			2009	46947
			2010	45899
Sum of physical exports	GWh	Σ	2005	1103
			2009	2099
			2010	1699
Total exchange balance	GWh	Σ	2005	48936
			2009	44848
			2010	44200
Consumption of pumps	GWh	Σ	2005	9320
			2009	5798
			2010	4451
National electrical consumption, calculated to represent 100% of the national values	GWh	Σ	2005	330441
			2009	320268
			2010	330455
Consumption load 3:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	20.07.05	33627
			15.07.09	31917
			21.07.10	35755
Consumption load 11:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	20.07.05	52820
			15.07.09	50472
			21.07.10	53959
Highest load on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	21.12.05	54115
			16.12.09	50963
			15.12.10	54927
Time of highest load on the 3rd Wednesday	CET		21.12.05	18:00
			16.12.09	18:00
			15.12.10	18:00

MM_YY	Total_EXP					Import (+)					Total_IMP - Total_EXP	Balance
	IT→AT	IT→CH	IT→FR	IT→GR	IT→SI	AT→IT	CH→IT	FR→IT	GR→IT	SI→IT		
I.05	0	0	90	0	0	142	2243	1424	119	789	4717	4627
II.05	0	0	96	0	0	123	2430	1138	72	725	4488	4392
III.05	2	0	57	0	0	124	2421	1278	285	789	4897	4838
IV.05	0	0	49	0	0	122	2354	1246	158	842	4722	4673
V.05	0	6	50	2	0	137	2284	1268	20	580	4289	4231
VI.05	0	7	52	21	0	129	2020	1193	0	630	3972	3892
VII.05	0	7	43	74	0	109	2139	1238	0	732	4218	4094
VIII.05	0	7	59	69	0	122	1753	873	0	372	3120	2985
IX.05	0	8	36	38	0	122	1951	1238	27	546	3884	3802
X.05	0	6	21	27	0	129	2378	1527	2	834	4870	4816
XI.05	0	16	50	13	0	119	1957	1276	28	548	3928	3849
XII.05	0	74	99	24	0	119	1477	794	0	544	2934	2737
2005	2	131	702	268	0	1497	25407	14493	711	7931	50039	48936
I.09	0	50	130	14	0	116	2112	1116	162	541	4047	3853
II.09	0	22	112	5	1	106	2071	1168	239	678	4262	4122
III.09	0	18	71	25	0	119	2301	1525	190	647	4782	4668
IV.09	0	28	95	53	0	126	1993	1050	222	727	4118	3942
V.09	0	46	64	23	4	101	2050	1083	126	573	3933	3796
VI.09	0	77	74	50	4	17	2119	1001	125	638	3900	3695
VII.09	0	48	96	4	2	76	2631	979	138	599	4423	4273
VIII.09	0	23	50	4	12	70	1936	674	161	99	2940	2851
IX.09	0	33	70	58	24	106	2207	836	169	404	3722	3537
X.09	0	77	188	32	4	124	1784	657	177	599	3341	3040
XI.09	0	59	130	30	2	126	1901	920	207	672	3826	3605
XII.09	0	29	135	16	7	111	1853	799	268	622	3653	3466
2009	0	510	1215	314	60	1198	24958	11808	2184	6799	46947	44848
I.10	0	52	115	2	21	106	1686	811	312	727	3642	3452
II.10	0	27	75	1	5	102	1903	1057	200	775	4037	3929
III.10	0	45	77	15	7	119	2185	1171	206	862	4543	4399
IV.10	0	44	83	17	28	112	2126	1020	71	726	4055	3883
V.10	0	60	55	0	4	125	2003	861	0	697	3686	3567
VI.10	0	65	35	11	10	119	1953	1230	41	580	3923	3802
VII.10	0	27	66	3	6	127	2503	1311	239	394	4574	4472
VIII.10	2	9	96	11	12	93	1730	839	213	72	2947	2817
IX.10	0	17	48	1	6	104	1784	947	163	526	3524	3452
X.10	0	16	111	5	14	91	2043	867	282	610	3893	3747
XI.10	0	27	87	6	5	118	1817	957	241	880	4013	3888
XII.10	0	104	164	0	2	112	1443	512	331	664	3062	2792
2010	2	493	1012	72	120	1328	23176	11583	2299	7513	45899	44200

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".

Lithuania

Yearly values / Operation

Thermal nuclear net generation	GWh	Σ	2005	n.a.
			2009	10025
			2010	0
Fossil fuels net generation	GWh	Σ	2005	n.a.
			2009	2188
			2010	3216
Hydraulic net generation	GWh	Σ	2005	n.a.
			2009	1060
			2010	1196
Other renewable net generation	GWh	Σ	2005	n.a.
			2009	218
			2010	295
- of which wind	GWh	Σ	2005	n.a.
			2009	141
			2010	193
- of which solar	GWh	Σ	2005	n.a.
			2009	0
			2010	0
Non-identifiable net generation	GWh	Σ	2005	n.a.
			2009	0
			2010	0
Total net generation calculated to represent 100% of the national values	GWh	Σ	2005	n.a.
			2009 ¹	13492
			2010 ¹	5328
Sum of physical imports	GWh	Σ	2005	n.a.
			2009	4782
			2010	8177
Sum of physical exports	GWh	Σ	2005	n.a.
			2009	7715
			2010	2185
Total exchange balance	GWh	Σ	2005	n.a.
			2009	-2933
			2010	5992
Consumption of pumps	GWh	Σ	2005	n.a.
			2009	1006
			2010	1043
National electrical consumption, calculated to represent 100% of the national values	GWh	Σ	2005	n.a.
			2009	9554
			2010	10276
Consumption load 3:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	2005	n.a.
			2009	n.a.
			15.12.10	1090
Consumption load 11:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	2005	n.a.
			2009	n.a.
			15.12.10	1728
Highest load on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	2005	n.a.
			2009	n.a.
			15.12.10	1787
Time of highest load on the 3rd Wednesday		CET	2005	n.a.
			2009	n.a.
			15.12.10	17:00

¹Including deliveries from industry

MM_YY	Total_EXP			Total_IMP			Total_IMP - Total_EXP	Balance
	LT→LV	LT→BY	LT→RU	LV→LT	BY→LT	RU→LT		
I.05	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
II.05	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
III.05	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
IV.05	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
V.05	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
VI.05	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
VII.05	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
VIII.05	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
IX.05	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
X.05	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
XI.05	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
XII.05	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
2005	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
I.09	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
II.09	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
III.09	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
IV.09	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
V.09	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
VI.09	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
VII.09	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
VIII.09	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
IX.09	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
X.09	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
XI.09	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
XII.09	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
2009	3066	2608	2041	1495	2467	820	4782	-2933
I.10	58	23	246	181	431	52	664	337
II.10	62	36	175	139	325	81	545	272
III.10	23	31	124	217	308	57	582	404
IV.10	0	73	209	539	243	6	788	506
V.10	18	33	106	255	391	35	681	524
VI.10	8	16	46	230	295	69	594	524
VII.10	8	22	73	177	384	83	644	541
VIII.10	20	37	73	214	382	78	674	544
IX.10	4	29	129	226	453	58	737	575
X.10	29	35	104	202	509	36	747	579
XI.10	3	36	109	309	342	42	693	545
XII.10	1	31	155	366	425	37	828	641
2010	234	402	1549	3055	4488	634	8177	5992

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

Yearly values / Operation

Thermal nuclear net generation	GWh	Σ	2005	0
			2009	0
			2010	0
Fossil fuels net generation	GWh	Σ	2005	3040
			2009	2809
			2010	2879
Hydraulic net generation	GWh	Σ	2005	860
			2009	824
			2010	1458
Other renewable net generation	GWh	Σ	2005	107
			2009	163
			2010	178
- of which wind	GWh	Σ	2005	53
			2009	64
			2010	55
- of which solar	GWh	Σ	2005	n.a.
			2009	0
			2010	0
Non-identifiable net generation	GWh	Σ	2005	0
			2009	0
			2010	0
Total net generation calculated to represent 100% of the national values	GWh	Σ	2005	4070
			2009	3796
			2010	4515
Sum of physical imports	GWh	Σ	2005	6407
			2009	6026
			2010	7282
Sum of physical exports	GWh	Σ	2005	3153
			2009	2596
			2010	3208
Total exchange balance	GWh	Σ	2005	3261
			2009	3430
			2010	4074
Consumption of pumps	GWh	Σ	2005	1103
			2009	1031
			2010	1899
National electrical consumption, calculated to represent 100% of the national values	GWh	Σ	2005	6235
			2009	6195
			2010	6690
Consumption load 3:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	16.11.05	770
			18.03.09	763
			20.01.10	779
Consumption load 11:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	21.09.05	919
			18.03.09	928
			20.01.10	1021
Highest load on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	16.11.05	942
			18.11.09	998
			20.01.10	1047
Time of highest load on the 3rd Wednesday		CET	16.11.05	19:00
			18.11.09	18:00
			20.01.10	19:00

Physical exchanges in interconnected operation ¹

MM_YY	Export (-)		Import (+)		Total_IMP - Total_EXP
	LU→BE	LU→DE	BE→LU	DE→LU	
I.05		66	92	431	225
II.05	232	63	101	405	395
III.05	48	229	109	436	247
IV.05	218	60	100	400	222
V.05	198	67	108	405	248
VI.05	183	61	94	404	254
VII.05	205	69	129	421	276
VIII.05	189	64	88	389	224
IX.05	217	56	137	412	276
X.05	216	66	145	433	296
XI.05	204	72	146	445	315
XII.05	229	72	125	452	276
2005	2368	785	1374	5033	3254
I.09	188	78	79	471	284
II.09	150	68	74	419	275
III.09	162	68	49	438	257
IV.09	153	47	77	388	265
V.09	140	46	76	391	281
VI.09	101	40	75	383	317
VII.09	158	44	86	412	296
VIII.09	181	62	56	406	219
IX.09	166	58	90	428	294
X.09	181	65	91	461	306
XI.09	155	58	90	432	309
XII.09	133	94	68	486	327
2009	1868	728	911	5115	3430
I.10	160	116	96	542	362
II.10	153	104	88	486	317
III.10	157	103	104	511	355
IV.10	142	129	108	518	355
V.10	102	155	133	562	438
VI.10	160	111	73	507	309
VII.10	154	82	100	482	346
VIII.10	152	77	52	435	258
IX.10	145	89	103	470	339
X.10	173	109	108	521	347
XI.10	154	138	99	546	353
XII.10	195	148	59	579	295
2010	1847	1361	1123	6159	4074
Total_IMP				6407	
Total_EXP					3254
Total_IMP - Total_EXP					3153
Total_IMP					6026
Total_EXP					2596
Total_IMP - Total_EXP					3430
Total_IMP					7282
Total_EXP					3208
Total_IMP - Total_EXP					4074

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".

Thermal nuclear net generation	GWh	Σ	2005 2009 2010	n.a. 0 0
Fossil fuels net generation	GWh	Σ	2005 2009 2010	n.a. 1605 2847
Hydraulic net generation	GWh	Σ	2005 2009 2010	n.a. 3425 3496
Other renewable net generation	GWh	Σ	2005 2009 2010	n.a. 87 101
- of which wind	GWh	Σ	2005 2009 2010	n.a. 49 47
- of which solar	GWh	Σ	2005 2009 2010	n.a. 0 0
Non-identifiable net generation	GWh	Σ	2005 2009 2010	n.a. 260 0
Total net generation calculated to represent 100% of the national values	GWh	Σ	2005 2009 2010	n.a. 5376 6444
Sum of physical imports	GWh	Σ	2005 2009 2010	n.a. 4258 3973
Sum of physical exports	GWh	Σ	2005 2009 2010	n.a. 2603 3101
Total exchange balance	GWh	Σ	2005 2009 2010	n.a. n.a. 872
Consumption of pumps	GWh	Σ	2005 2009 2010	n.a. n.a. 0
National electrical consumption, calculated to represent 100% of the national values	GWh	Σ	2005 2009 2010	n.a. 7029 7316
Consumption load 3:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	2005 2009 20.01.10	n.a. n.a. 731
Consumption load 11:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	2005 2009 20.01.10	n.a. n.a. 1169
Highest load on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	2005 2009 20.01.10	n.a. n.a. 1257
Time of highest load on the 3rd Wednesday		CET	2005 2009 20.01.10	n.a. n.a. 17:00

Physical exchanges in interconnected operation ¹

MM_YY	Export (-)			Import (+)			Total_IMP - Total_EXP
	LV→EE	LV→LT	LV→RU	EE→LV	LT→LV	RU→LV	
I.05	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
II.05	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
III.05	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
IV.05	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
V.05	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
VI.05	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
VII.05	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
VIII.05	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
IX.05	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
X.05	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
XI.05	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
XII.05	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
2005	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
I.09	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
II.09	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
III.09	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
IV.09	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
V.09	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
VI.09	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
VII.09	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
VIII.09	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
IX.09	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
X.09	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
XI.09	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
XII.09	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
2009	497	1495	611	1138	3066	54	1655
I.10	8	181	3	116	58	39	21
II.10	1	139	0	126	62	48	96
III.10	13	217	4	126	23	45	-40
IV.10	15	539	1	90	0	48	-417
V.10	1	255	0	151	18	42	-45
VI.10	0	230	0	232	8	91	101
VII.10	0	177	0	337	8	138	306
VIII.10	0	214	0	284	20	127	217
IX.10	0	226	0	314	4	128	220
X.10	0	202	0	323	29	69	219
XI.10	0	309	0	251	3	111	56
XII.10	0	366	0	345	1	158	138
2010	38	3055	8	2695	234	1044	872
Total_IMP							4258
Total_EXP							3101
Total_IMP - Total_EXP							1157

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".

Thermal nuclear net generation	GWh	Σ	2005	
			2009	0
			2010	0
Fossil fuels net generation	GWh	Σ	2005	
			2009	621
			2010	1267
Hydraulic net generation	GWh	Σ	2005	
			2009	1953
			2010	2738
Other renewable net generation	GWh	Σ	2005	
			2009	0
			2010	0
- of which wind	GWh	Σ	2005	
			2009	0
			2010	0
- of which solar	GWh	Σ	2005	
			2009	0
			2010	0
Non-identifiable net generation	GWh	Σ	2005	
			2009	0
			2010	0
Total net generation calculated to represent 100% of the national values	GWh	Σ	2005	
			2009	2574
			2010	4005
Sum of physical imports	GWh	Σ	2005	
			2009	3094
			2010	2333
Sum of physical exports	GWh	Σ	2005	
			2009	1801
			2010	2383
Total exchange balance	GWh	Σ	2005	
			2009	1068
			2010	39
Consumption of pumps	GWh	Σ	2005	
			2009	0
			2010	0
National electrical consumption, calculated to represent 100% of the national values	GWh	Σ	2005	
			2009	3642
			2010	4044
Consumption load 3:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	2005	
			18.02.09	455
			20.01.10	427
Consumption load 11:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	2005	
			18.02.09	571
			20.01.10	532
Highest load on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	2005	
			18.02.09	633
			20.01.10	589
Time of highest load on the 3rd Wednesday		CET	2005	
			18.02.09	18:00
			20.01.10	19:00

MM_YY	Export (-)				Import (+)				Total_IMP - Total_EXP	Balance
	ME→BA	ME→RS	ME→AL	Total_EXP	BA→ME	RS→ME	AL→ME	Total_IMP		
I.05										
II.05										
III.05										
IV.05										
V.05										
VI.05										
VII.05										
VIII.05										
IX.05										
X.05										
XI.05										
XII.05										
2005										
I.09	43	137	110	290	202	26	0	228	-62	
II.09	55	177	0	232	177	4	0	181	-51	
III.09	16	122	107	245	246	31	0	277	32	
IV.09	33	121	3	157	104	19	30	153	-4	
V.09	20	58	20	98	131	53	17	201	103	
VI.09	10	29	88	127	239	59	0	298	171	
VII.09	7	19	82	108	235	99	0	334	226	
VIII.09	5	14	71	90	216	128	0	344	254	
IX.09	5	4	58	67	159	171	0	330	263	
X.09	19	43	75	137	161	100	0	261	124	
XI.09	61	32	0	93	73	118	0	191	98	
XII.09	20	137	0	157	252	44	0	296	139	
2009	294	893	614	1801	2195	852	47	3094	1293	
I.10	46	301	51	398	258	2	0	260	-138	
II.10	44	166	24	234	181	12	0	193	-41	
III.10	50	196	29	275	178	10	5	193	-82	
IV.10	57	112	2	171	61	18	38	117	-54	
V.10	55	130	61	246	74	18	6	98	-148	
VI.10	89	75	1	165	77	10	37	124	-41	
VII.10	33	34	35	102	155	92	0	247	145	
VIII.10	10	19	82	111	210	93	0	303	192	
IX.10	26	44	0	70	139	106	0	245	175	
X.10	42	74	9	125	62	95	62	219	94	
XI.10	78	104	2	184	70	46	48	164	-20	
XII.10	98	195	9	302	132	9	29	170	-132	
2010	628	1450	305	2383	1597	511	225	2333	-50	

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".

Thermal nuclear net generation	GWh	Σ	2005	0
			2009	0
			2010	0
Fossil fuels net generation	GWh	Σ	2005	4994
			2009	5009
			2010	4282
Hydraulic net generation	GWh	Σ	2005	1481
			2009	1243
			2010	2316
Other renewable net generation	GWh	Σ	2005	0
			2009	0
			2010	0
- of which wind	GWh	Σ	2005	0
			2009	0
			2010	0
- of which solar	GWh	Σ	2005	n.a.
			2009	0
			2010	0
Non-identifiable net generation	GWh	Σ	2005	0
			2009	0
			2010	0
Total net generation calculated to represent 100% of the national values	GWh	Σ	2005	6475
			2009	6252
			2010	6598
Sum of physical imports	GWh	Σ	2005	2395
			2009	5138
			2010	5270
Sum of physical exports	GWh	Σ	2005	797
			2009	3814
			2010	3857
Total exchange balance	GWh	Σ	2005	1599
			2009	1544
			2010	1730
Consumption of pumps	GWh	Σ	2005	0
			2009	0
			2010	0
National electrical consumption, calculated to represent 100% of the national values	GWh	Σ	2005	8074
			2009	7796
			2010	8328
Consumption load 3:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	21.12.05	1073
			18.02.09	947
			15.12.10	1087
Consumption load 11:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	21.12.05	1359
			18.02.09	1217
			15.12.10	1357
Highest load on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	21.12.05	1450
			18.02.09	1374
			15.12.10	1535
Time of highest load on the 3rd Wednesday		CET	21.12.05	18:00
			18.02.09	19:00
			15.12.10	18:00

Physical exchanges in interconnected operation ¹

MM_YY	Export (-)					Import (-)					Total_IMP - Total_EXP
	MK→BG	MK→CS	MK→GR	MK→RS	Total_EXP	BG→MK	CS→MK	GR→MK	GR→RS	Total_IMP	
I.05	0	0	52	0	52	0	234	4	0	238	186
II.05	0	0	37	0	37	0	164	15	0	179	142
III.05	0	0	50	0	50	0	129	16	0	145	95
IV.05	0	0	90	0	90	3	124	0	0	127	37
V.05	0	0	82	0	82	0	212	1	0	213	131
VI.05	0	0	60	0	60	2	171	11	0	184	124
VII.05	0	0	75	0	75	30	200	2	0	232	157
VIII.05	0	0	63	0	63	29	177	6	0	212	149
IX.05	0	1	93	0	94	24	133	0	0	157	63
X.05	0	0	77	0	77	82	78	2	0	162	85
XI.05	0	0	81	0	81	79	182	2	0	263	182
XII.05	0	0	36	0	36	85	186	12	0	283	247
2005	0	1	796	0	797	334	1990	71	0	2395	1598
I.09	0	0	295	0	295	292	0	0	204	496	201
II.09	0	0	295	0	295	252	0	0	236	488	193
III.09	0	0	401	0	401	271	0	0	261	532	131
IV.09	0	0	247	0	247	65	0	0	170	235	-12
V.09	0	0	316	0	316	186	0	0	210	396	80
VI.09	0	0	456	0	456	282	0	0	262	544	88
VII.09	0	0	491	0	491	352	0	0	295	647	156
VIII.09	0	0	355	0	355	245	0	0	161	406	51
IX.09	0	0	243	3	246	217	0	0	79	296	50
X.09	0	0	178	0	178	139	6	6	110	255	77
XI.09	0	0	248	0	248	264	0	0	102	366	118
XII.09	0	0	286	0	286	237	0	0	240	477	191
2009	0	0	3811	3	3814	2802	6	2330	6	5138	1324
I.10	0	0	286	0	286	183	0	0	224	407	121
II.10	0	0	312	0	312	202	0	0	188	390	78
III.10	0	0	357	0	357	198	0	0	291	489	132
IV.10	0	0	356	0	356	171	0	0	206	377	21
V.10	0	0	359	0	359	139	0	0	191	330	-29
VI.10	0	0	507	0	507	258	0	0	203	461	-46
VII.10	0	0	502	0	502	387	0	0	163	550	48
VIII.10	0	0	481	0	481	412	0	0	222	634	153
IX.10	0	0	308	0	308	314	0	0	161	475	167
X.10	0	0	120	0	120	216	6	6	139	361	241
XI.10	0	0	128	0	128	245	1	1	135	381	253
XII.10	0	0	141	0	141	228	0	0	186	415	274
2010	0	0	3857	0	3857	2953	8	2309	8	5270	1413

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".

GB Northern Ireland

Yearly values / Operation

Thermal nuclear net generation	GWh	Σ	2005	n.a.
			2009	0
			2010	0
Fossil fuels net generation	GWh	Σ	2005	n.a.
			2009	6970
			2010	6581
Hydraulic net generation	GWh	Σ	2005	n.a.
			2009	10
			2010	8
Other renewable net generation	GWh	Σ	2005	n.a.
			2009	806
			2010	724
- of which wind	GWh	Σ	2005	n.a.
			2009	2
			2010	666
- of which solar	GWh	Σ	2005	n.a.
			2009	0
			2010	0
Non-identifiable net generation	GWh	Σ	2005	n.a.
			2009	0
			2010	12
Total net generation calculated to represent 100% of the national values	GWh	Σ	2005	n.a.
			2009	7786
			2010	7325
Sum of physical imports	GWh	Σ	2005	n.a.
			2009	2208
			2010	2592
Sum of physical exports	GWh	Σ	2005	n.a.
			2009	1011
			2010	744
Total exchange balance	GWh	Σ	2005	n.a.
			2009	n.a.
			2010	1855
Consumption of pumps	GWh	Σ	2005	n.a.
			2009	n.a.
			2010	0
National electrical consumption, calculated to represent 100% of the national values	GWh	Σ	2005	n.a.
			2009	8820
			2010	9180
Consumption load 3:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	2005	n.a.
			2009	n.a.
			15.12.10	938
Consumption load 11:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	2005	n.a.
			2009	n.a.
			15.12.10	1488
Highest load on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	2005	n.a.
			2009	n.a.
			15.12.10	1684
Time of highest load on the 3rd Wednesday		CET	2005	n.a.
			2009	n.a.
			15.12.10	19:00

Physical exchanges in interconnected operation ¹

MM_YY	Export (-)		Import (+)		Total_IMP - Total_EXP	Balance
	NI→GB	NI→IE	GB→NI	IE→NI		
I.05	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
II.05	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
III.05	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
IV.05	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
V.05	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
VI.05	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
VII.05	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
VIII.05	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
IX.05	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
X.05	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
XI.05	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
XII.05	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
2005	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
I.09	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
II.09	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
III.09	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
IV.09	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
V.09	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
VI.09	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
VII.09	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
VIII.09	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
IX.09	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
X.09	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
XI.09	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
XII.09	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
2009	14	997	1992	216	2208	1197
I.10	0	135	235	5	240	105
II.10	0	106	218	9	227	121
III.10	0	72	248	14	262	190
IV.10	0	50	190	19	209	159
V.10	0	102	223	3	226	124
VI.10	0	45	82	18	100	55
VII.10	0	24	155	41	196	172
VIII.10	0	54	220	17	237	183
IX.10	0	15	134	73	207	192
X.10	0	23	139	37	176	153
XI.10	0	26	165	48	213	187
XII.10	0	92	290	9	299	207
2010	0	744	2299	293	2592	1848

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".

The Netherlands

Yearly values / Operation

Thermal nuclear net generation	GWh	Σ	2005	3772
			2009	4018
			2010	3755
Fossil fuels net generation	GWh	Σ	2005	86093
			2009	95569
			2010	99539
Hydraulic net generation	GWh	Σ	2005	85
			2009	0
			2010	0
Other renewable net generation	GWh	Σ	2005	6416
			2009	8333
			2010	10391
- of which wind	GWh	Σ	2005	2009
			2009	4589
			2010	3995
- of which solar	GWh	Σ	2005	n.a.
			2009	0
			2010	0
Non-identifiable net generation	GWh	Σ	2005	0
			2009	0
			2010	0
Total net generation calculated to represent 100% of the national values	GWh	Σ	2005 ¹	96366
			2009 ¹	107920
			2010 ¹	113685
Sum of physical imports	GWh	Σ	2005	23693
			2009	15457
			2010	15589
Sum of physical exports	GWh	Σ	2005	5400
			2009	10556
			2010	12811
Total exchange balance	GWh	Σ	2005	18292
			2009	4987
			2010	2775
Consumption of pumps	GWh	Σ	2005	0
			2009	0
			2010	0
National electrical consumption, calculated to represent 100% of the national values	GWh	Σ	2005	114658
			2009	112907
			2010	116460
Consumption load 3:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	16.11.05	9702
			18.11.09	10551
			15.12.10	10605
Consumption load 11:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	16.02.05	16439
			16.12.09	16768
			15.12.10	17219
Highest load on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	16.11.05	16858
			18.11.09	17840
			15.12.10	18187
Time of highest load on the 3rd Wednesday		CET	16.11.05	18:00
			18.11.09	18:00
			15.12.10	18:00

¹Including deliveries from industry

MM_YY	Export (-)			Import (+)			Total_IMP - Total_EXP	Balance
	NL→BE	NL→DE	NL→NO	BE→NL	DE→NL	NO→NL		
I.05	688	0	688	120	2097	2217	1529	
II.05	789	2	791	80	1969	2049	1258	
III.05	761	1	762	173	2171	2344	1582	
IV.05	592	0	592	95	2080	2175	1583	
V.05	235	17	252	464	1143	1607	1355	
VI.05	102	60	162	690	1012	1702	1540	
VII.05	123	61	184	683	1081	1764	1580	
VIII.05	92	72	164	807	959	1766	1602	
IX.05	120	103	223	673	942	1615	1392	
X.05	234	4	238	338	1615	1953	1715	
XI.05	564	3	567	201	1890	2091	1524	
XII.05	775	2	777	109	2301	2410	1633	
2005	5075	325	5400	4433	19260	23693	18293	
I.09	632	96	789	87	1190	1630	841	
II.09	455	73	548	128	1165	1399	851	
III.09	334	169	641	199	811	1291	650	
IV.09	420	75	537	148	1251	1460	923	
V.09	228	130	457	531	822	1447	990	
VI.09	427	163	761	363	1086	1642	881	
VII.09	419	490	1053	366	464	217	-6	
VIII.09	291	636	1009	857	184	297	329	
IX.09	266	738	1032	474	194	412	48	
X.09	707	448	1240	238	406	995	-245	
XI.09	801	196	1171	150	691	234	-96	
XII.09	809	296	1318	232	606	215	-265	
2009	5789	3510	10556	3773	8870	15457	4901	
I.10	947	239	1428	111	643	869	-559	
II.10	670	247	917	258	410	668	-249	
III.10	623	555	1178	326	362	688	-490	
IV.10	456	114	628	264	881	2	519	
V.10	586	209	1069	428	1036	114	509	
VI.10	326	191	748	745	920	153	1070	
VII.10	246	138	577	841	943	206	1413	
VIII.10	183	291	714	1168	576	160	1190	
IX.10	392	327	926	571	584	169	398	
X.10	1067	481	1748	200	330	240	-978	
XI.10	828	210	1336	282	707	125	-222	
XII.10	1068	70	1542	124	1550	45	177	
2010	7392	3072	12811	5318	8942	1329	2778	

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".

Norway

Yearly values / Operation

Thermal nuclear net generation	GWh	Σ	2005	0
			2009	0
			2010	0
Fossil fuels net generation	GWh	Σ	2005	976
			2009	3555
			2010	5267
Hydraulic net generation	GWh	Σ	2005	136465
			2009	128282
			2010	117286
Other renewable net generation	GWh	Σ	2005	507
			2009	1007
			2010	892
- of which wind	GWh	Σ	2005	507
			2009	1007
			2010	808
- of which solar	GWh	Σ	2005	n.a.
			2009	0
			2010	0
Non-identifiable net generation	GWh	Σ	2005	0
			2009	0
			2010	0
Total net generation calculated to represent 100% of the national values	GWh	Σ	2005 ¹	137948
			2009 ¹	132843
			2010 ¹	123445
Sum of physical imports	GWh	Σ	2005	3648
			2009	5709
			2010	14441
Sum of physical exports	GWh	Σ	2005	15691
			2009	14653
			2010	6593
Total exchange balance	GWh	Σ	2005	n.a.
			2009	n.a.
			2010	7537
Consumption of pumps	GWh	Σ	2005	n.a.
			2009	0
			2010	1190
National electrical consumption, calculated to represent 100% of the national values	GWh	Σ	2005	125908
			2009	121604
			2010	129792
Consumption load 3:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	2005	n.a.
			2009	n.a.
			15.12.10	17165
Consumption load 11:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	2005	n.a.
			2009	n.a.
			15.12.10	21350
Highest load on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	2005	n.a.
			2009	n.a.
			15.12.10	21852
Time of highest load on the 3rd Wednesday		CET	2005	n.a.
			2009	n.a.
			15.12.10	10:00

¹Including deliveries from industry

MM_YY	Export (-)							Import (+)						Total_IMP - Total_EXP	Balance			
	NO→DK_W	NO→DK	NO→FI	NO→NL	NO→SE	NO→RU	Total_EXP	DK_W→NO	DK→NO	FI→NO	NL→NO	SE→NO	RU→NO			Total_IMP		
I.05																		n.a.
II.05	319		n.a.		n.a.													n.a.
III.05	436		n.a.		n.a.													n.a.
IV.05	362		n.a.		n.a.													n.a.
V.05	532		n.a.		n.a.													n.a.
VI.05	478		n.a.		n.a.													n.a.
VII.05	320		n.a.		n.a.													n.a.
VIII.05	333		n.a.		n.a.													n.a.
IX.05	271		n.a.		n.a.													n.a.
X.05	294		n.a.		n.a.													n.a.
XI.05	304		n.a.		n.a.													n.a.
XII.05	602		n.a.		n.a.													n.a.
XII.05	460		n.a.		n.a.													n.a.
2005	4711		164		10816	0	15691	466	131	131	2836	215	3648	3648			-12043	
I.09	308		n.a.	353	n.a.	n.a.	n.a.	149	n.a.	61	n.a.	n.a.	n.a.	n.a.			n.a.	
II.09	263		n.a.	106	n.a.	n.a.	n.a.	156	n.a.	20	n.a.	n.a.	n.a.	n.a.			n.a.	
III.09	271		n.a.	281	n.a.	n.a.	n.a.	166	n.a.	138	n.a.	n.a.	n.a.	n.a.			n.a.	
IV.09	312		n.a.	61	n.a.	n.a.	n.a.	150	n.a.	42	n.a.	n.a.	n.a.	n.a.			n.a.	
V.09	295		n.a.	94	n.a.	n.a.	n.a.	143	n.a.	99	n.a.	n.a.	n.a.	n.a.			n.a.	
VI.09	140		n.a.	193	n.a.	n.a.	n.a.	141	n.a.	171	n.a.	n.a.	n.a.	n.a.			n.a.	
VII.09	216		n.a.	217	n.a.	n.a.	n.a.	32	n.a.	144	n.a.	n.a.	n.a.	n.a.			n.a.	
VIII.09	495		n.a.	297	n.a.	n.a.	n.a.	13	n.a.	82	n.a.	n.a.	n.a.	n.a.			n.a.	
IX.09	570		n.a.	412	n.a.	n.a.	n.a.	3	n.a.	28	n.a.	n.a.	n.a.	n.a.			n.a.	
X.09	398		n.a.	351	n.a.	n.a.	n.a.	84	n.a.	85	n.a.	n.a.	n.a.	n.a.			n.a.	
XI.09	268		n.a.	234	n.a.	n.a.	n.a.	185	n.a.	174	n.a.	n.a.	n.a.	n.a.			n.a.	
XII.09	292		n.a.	215	n.a.	n.a.	n.a.	227	n.a.	213	n.a.	n.a.	n.a.	n.a.			n.a.	
2009	3828		113	2814	7898	0	14653	1449	128	1257	2648	227	5709	5709			-8944	
I.10		130	3	115	508	0	756		14	242	294	20	954	954			198	
II.10		49	0	0	323	0	372		21	0	400	17	917	917			545	
III.10		2	0	0	120	0	122		40	0	721	17	1407	1407			1285	
IV.10		34	0	2	69	0	105		36	58	1075	15	1604	1604			1499	
V.10		124	9	114	30	0	277		13	274	1388	21	2033	2033			1756	
VI.10		117	4	153	51	0	325		5	231	1269	17	1765	1765			1440	
VII.10		277	38	206	396	0	917		5	193	449	20	830	830			-87	
VIII.10		204	24	160	177	0	565		0	240	504	11	910	910			345	
IX.10		214	21	169	378	0	782		0	207	350	17	733	733			-49	
X.10		184	11	240	871	0	1306		1	200	294	16	752	752			-554	
XI.10		89	2	125	368	0	584		17	298	510	18	1195	1195			611	
XII.10		34	3	45	400	0	482		10	404	414	20	1341	1341			859	
2010	1458		115	1329	3691	0	6593	4055	162	2347	7668	209	14441	14441			7848	

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

Poland

Yearly values / Operation

Thermal nuclear net generation	GWh	Σ	2005	0
			2009	0
			2010	0
Fossil fuels net generation	GWh	Σ	2005 ²	140182
			2009 ²	135759
			2010 ²	140270
Hydraulic net generation	GWh	Σ	2005	3550
			2009	2897
			2010	3405
Other renewable net generation	GWh	Σ	2005	224
			2009	1259
			2010	2108
- of which wind	GWh	Σ	2005	132
			2009	1051
			2010	1843
- of which solar	GWh	Σ	2005	n.a.
			2009	0
			2010	0
Non-identifiable net generation	GWh	Σ	2005	0
			2009	0
			2010	0
Total net generation calculated to represent 100% of the national values	GWh	Σ	2005 ¹	143956
			2009 ¹	139915
			2010 ¹	145783
Sum of physical imports	GWh	Σ	2005	5005
			2009	7404
			2010	6310
Sum of physical exports	GWh	Σ	2005	16185
			2009	9593
			2010	7664
Total exchange balance	GWh	Σ	2005	-11188
			2009	-2205
			2010	-1355
Consumption of pumps	GWh	Σ	2005	2156
			2009	894
			2010	837
National electrical consumption, calculated to represent 100% of the national values	GWh	Σ	2005	130612
			2009	136816
			2010	143591
Consumption load 3:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	21.12.05	14958
			16.12.09	14845
			15.12.10	15742
Consumption load 11:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	21.12.05	19929
			16.12.09	20889
			15.12.10	21538
Highest load on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	21.12.05	21578
			16.12.09	22425
			15.12.10	23081
Time of highest load on the 3rd Wednesday	CET		21.12.05	17:00
			16.12.09	17:00
			15.12.10	17:00

¹Including deliveries from industry

²Fossil fuel and renewable: Energy from co-firing (biomass combustion in lignite/hard coal power stations) is classified as energy from fossil fuels installations. Power/energy comes from industry and based on oil and gas is classified as hard coal.

MM_YY	Total_EXP							Total_IMP							Total_IMP - Total_EXP
	PL→CZ	PL→DE	PL→SE	PL→SK	PL→BY	PL→UA	Total_EXP	CZ→PL	DE→PL	SE→PL	SK→PL	BY→PL	UA→PL	Total_IMP	
	Export (-)							Import (+)							Balance
I.05	1091	3	8	297	0	0	1399	2	361	324	0	80	82	849	-550
II.05	1024	17	8	282	0	0	1331	2	247	211	0	74	76	610	-721
III.05	1046	46	121	260	0	0	1473	4	204	1	0	80	82	371	-1102
IV.05	887	45	174	272	0	0	1378	3	142	4	0	72	74	295	-1083
V.05	768	95	177	213	0	0	1253	10	99	18	0	75	64	266	-987
VI.05	710	230	21	199	0	0	1160	8	41	163	0	76	96	384	-776
VII.05	720	118	118	127	0	0	1083	10	135	34	0	42	90	311	-772
VIII.05	552	167	59	28	0	0	806	14	89	0	0	48	98	249	-557
IX.05	801	219	20	156	0	0	1196	4	66	36	0	75	91	272	-924
X.05	1097	69	178	272	0	0	1616	4	241	4	0	85	79	413	-1203
XI.05	1253	27	49	348	0	0	1677	1	240	22	0	83	77	423	-1254
XII.05	1216	10	249	338	0	0	1813	1	401	0	0	85	75	562	-1251
2005	11165	1046	1182	2792	0	0	16185	63	2266	817	0	875	984	5005	-11180
I.09	859	0	24	310	0	0	1193	0	660	231	0	0	0	891	-302
II.09	691	0	27	224	0	0	942	0	508	146	0	0	0	654	-288
III.09	610	4	48	264	0	0	926	1	402	55	0	0	0	458	-468
IV.09	298	38	55	99	0	0	490	34	162	35	11	0	0	242	-248
V.09	341	25	7	71	0	0	444	31	262	161	30	0	0	484	40
VI.09	418	25	8	72	0	0	523	24	305	118	19	0	10	476	-47
VII.09	509	9	15	155	0	0	688	10	477	203	1	0	0	691	3
VIII.09	476	8	1	96	0	0	581	12	411	154	2	0	0	579	-2
IX.09	646	8	0	205	0	0	859	11	526	122	1	0	63	723	-136
X.09	642	11	0	294	0	0	947	2	577	69	0	0	67	715	-232
XI.09	740	2	21	283	0	0	1046	1	668	76	0	0	59	804	-242
XII.09	636	5	48	265	0	0	954	3	660	24	0	0	0	687	-267
2009	6866	135	254	2338	0	0	9593	129	5618	1394	64	0	199	7404	-2189
I.10	521	3	74	147	0	0	745	4	548	26	4	0	0	582	-163
II.10	643	0	89	187	0	0	919	2	584	0	0	0	0	586	-333
III.10	511	0	74	220	0	0	805	4	622	21	1	0	0	648	-157
IV.10	451	0	12	168	0	0	631	3	584	93	2	0	0	682	51
V.10	360	10	5	99	0	0	474	18	360	232	10	0	0	620	146
VI.10	260	42	0	63	0	0	365	25	161	66	20	0	0	272	-93
VII.10	442	5	7	179	0	0	633	8	525	160	0	0	0	693	60
VIII.10	322	25	2	87	0	0	436	14	405	78	6	0	0	503	67
IX.10	416	16	44	1	0	0	477	28	254	5	8	0	0	295	-182
X.10	618	1	49	176	0	0	844	11	513	36	0	0	0	560	-284
XI.10	550	16	59	126	0	0	751	5	466	39	1	0	0	511	-240
XII.10	406	49	79	45	0	0	579	14	312	5	31	0	0	362	-217
2010	5500	167	494	1498	0	0	7659	136	5334	761	83	0	0	6314	-1345

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

Portugal

Yearly values / Operation

Thermal nuclear net generation	GWh	Σ	2005	0
			2009	0
			2010	0
Fossil fuels net generation	GWh	Σ	2005	33263
			2009	27839
			2010	22315
Hydraulic net generation	GWh	Σ	2005	4910
			2009	8720
			2010	16247
Other renewable net generation	GWh	Σ	2005	3515
			2009	9468
			2010	11530
- of which wind	GWh	Σ	2005	1726
			2009	7492
			2010	9023
- of which solar	GWh	Σ	2005	n.a.
			2009	140
			2010	207
Non-identifiable net generation	GWh	Σ	2005	0
			2009	0
			2010	0
Total net generation calculated to represent 100% of the national values	GWh	Σ	2005 ¹	43612
			2009 ¹	47555
			2010 ¹	50092
Sum of physical imports	GWh	Σ	2005	9477
			2009	7439
			2010	5667
Sum of physical exports	GWh	Σ	2005	2806
			2009	2819
			2010	3190
Total exchange balance	GWh	Σ	2005	6819
			2009	4777
			2010	2624
Consumption of pumps	GWh	Σ	2005	567
			2009	928
			2010	510
National electrical consumption, calculated to represent 100% of the national values	GWh	Σ	2005	49864
			2009	51404
			2010	52206
Consumption load 3:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	21.12.05	5559
			16.12.09	5827
			15.12.10	5350
Consumption load 11:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	21.12.05	7811
			16.12.09	8330
			17.02.10	7849
Highest load on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	21.12.05	8669
			16.12.09	9242
			17.02.10	8800
Time of highest load on the 3rd Wednesday		CET	21.12.05	20:00
			16.12.09	20:00
			17.02.10	21:00

¹Including deliveries from industry

Physical exchanges in interconnected operation ¹

MM_YY	Export (-)		Import (+)		Total_IMP - Total_EXP	Balance
	PT→ES	Total_EXP	ES→PT	Total_IMP		
I.05	409	409	942	942	533	
II.05	338	338	682	682	344	
III.05	281	281	742	742	461	
IV.05	188	188	683	683	495	
V.05	158	158	716	716	558	
VI.05	216	216	677	677	461	
VII.05	267	267	782	782	515	
VIII.05	117	117	659	659	542	
IX.05	148	148	858	858	710	
X.05	150	150	931	931	781	
XI.05	181	181	894	894	713	
XII.05	353	353	911	911	558	
2005	2806	2806	9477	9477	6671	
I.09	243	243	820	820	577	
II.09	349	349	471	471	122	
III.09	294	294	545	545	251	
IV.09	149	149	732	732	583	
V.09	173	173	698	698	525	
VI.09	157	157	743	743	586	
VII.09	155	155	739	739	584	
VIII.09	193	193	558	558	365	
IX.09	195	195	485	485	290	
X.09	164	164	583	583	419	
XI.09	214	214	654	654	440	
XII.09	533	533	411	411	-122	
2009	2819	2819	7439	7439	4620	
I.10	617	617	336	336	-281	
II.10	350	350	416	416	66	
III.10	358	358	385	385	27	
IV.10	287	287	323	323	36	
V.10	291	291	345	345	54	
VI.10	122	122	534	534	412	
VII.10	100	100	671	671	571	
VIII.10	80	80	691	691	611	
IX.10	87	87	603	603	516	
X.10	70	70	689	689	619	
XI.10	232	232	456	456	224	
XII.10	596	596	218	218	-378	
2010	3190	3190	5667	5667	2477	

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

Romania

Yearly values / Operation

Thermal nuclear net generation	GWh	Σ	2005	5132
			2009	10810
			2010	10686
Fossil fuels net generation	GWh	Σ	2005	29764
			2009	26901
			2010	25284
Hydraulic net generation	GWh	Σ	2005	19908
			2009	15548
			2010	20174
Other renewable net generation	GWh	Σ	2005	0
			2009	0
			2010	402
- of which wind	GWh	Σ	2005	0
			2009	0
			2010	290
- of which solar	GWh	Σ	2005	n.a.
			2009	0
			2010	0
Non-identifiable net generation	GWh	Σ	2005	0
			2009	0
			2010	0
Total net generation calculated to represent 100% of the national values	GWh	Σ	2005	54804
			2009	53259
			2010	56546
Sum of physical imports	GWh	Σ	2005	1606
			2009	2383
			2010	1791
Sum of physical exports	GWh	Σ	2005	4520
			2009	4856
			2010	4707
Total exchange balance	GWh	Σ	2005	-2919
			2009	-2471
			2010	-2919
Consumption of pumps	GWh	Σ	2005	0
			2009	150
			2010	265
National electrical consumption, calculated to represent 100% of the national values	GWh	Σ	2005	51885
			2009	50638
			2010	53362
Consumption load 3:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	19.01.05	6269
			16.12.09	5735
			15.12.10	5856
Consumption load 11:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	19.01.05	7328
			16.12.09	7413
			15.12.10	7662
Highest load on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	21.12.05	7974
			16.12.09	8035
			15.12.10	8313
Time of highest load on the 3rd Wednesday		CET	21.12.05	18:00
			16.12.09	18:00
			15.12.10	18:00

MM_YY	Export (-)								Import (+)								Total_IMP - Total_EXP	Balance
	RO→BG	RO→CS	RO→HU	RO→RS	RO→UA_W	RO→MD	Total_EXP		BG→RO	CS→RO	HU→RO	RS→RO	UA_W→RO	MD→RO	Total_IMP			
I.05	81	280	81		0	0	442		23	0	28		56	14	121	-321		
II.05	60	304	99		6	0	469		29	0	8		70	0	107	-362		
III.05	12	241	82		13	0	348		109	0	18		51	0	178	-170		
IV.05	22	187	45		0	0	254		100	0	19		60	0	179	-75		
V.05	3	51	112		2	0	168		90	8	11		43	0	152	-16		
VI.05	15	98	113		1	0	227		84	2	7		53	0	146	-81		
VII.05	68	115	94		0	0	277		54	13	13		43	0	153	-124		
VIII.05	87	138	102		2	0	329		29	7	6		43	0	85	-244		
IX.05	57	164	97		0	0	318		69	0	10		47	0	126	-192		
X.05	99	213	105		0	0	417		86	3	18		69	0	176	-241		
XI.05	141	348	136		6	0	631		55	0	4		45	0	104	-527		
XII.05	152	364	124		0	0	640		2	0	4		73	0	79	-561		
2005	797	2503	1190		30	0	4520		730	33	146		683	14	1606	-2914		
I.09	333		50	243	0	0	626		0	14	14	0	105	123	242	-384		
II.09	285		81	178	0	0	544		0	3	3	0	81	84	168	-376		
III.09	356		53	150	0	0	559		0	9	9	0	103	85	197	-362		
IV.09	217		75	60	0	0	352		0	8	2	2	70	24	104	-248		
V.09	180		80	79	0	0	339		34	21	7	7	102	14	178	-161		
VI.09	208		32	71	0	0	311		2	51	11	11	115	14	193	-118		
VII.09	217		42	61	0	0	320		2	22	6	6	117	14	161	-159		
VIII.09	197		45	94	0	0	336		1	26	28	28	103	12	170	-166		
IX.09	121		46	135	0	0	302		62	21	0	0	92	12	187	-115		
X.09	175		31	189	3	0	398		100	35	0	0	143	0	278	-120		
XI.09	64		49	227	0	0	340		28	21	0	0	137	17	203	-137		
XII.09	265		3	161	0	0	429		1	76	1	1	212	12	302	-127		
2009	2618		587	1648	3	0	4856		230	55	307	55	1380	411	2383	-2473		
I.10	175		37	89	1	0	302		12	33	33	5	122	35	207	-95		
II.10	85		27	85	0	0	197		27	31	31	3	115	38	214	17		
III.10	80		32	51	1	0	164		22	30	30	7	92	33	184	20		
IV.10	73		82	16	5	0	176		25	12	12	26	62	26	151	-25		
V.10	62		90	23	23	0	198		118	14	25	25	27	23	207	9		
VI.10	2		123	179	53	0	357		167	3	0	0	7	23	200	-157		
VII.10	23		143	279	60	0	505		93	2	0	0	6	29	130	-375		
VIII.10	115		119	203	41	0	478		21	8	9	8	16	23	77	-401		
IX.10	134		144	189	55	0	522		31	5	0	0	6	23	65	-457		
X.10	239		165	282	7	0	693		72	0	0	0	45	32	149	-544		
XI.10	76		114	269	38	0	497		36	4	0	0	26	38	104	-393		
XII.10	42		176	303	97	0	618		53	3	0	0	2	45	103	-515		
2010	1106		1252	1968	381	0	4707		677	74	146	74	526	368	1791	-2916		

¹These 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".

Thermal nuclear net generation	GWh	Σ	2005	
			2009	0
			2010	0
Fossil fuels net generation	GWh	Σ	2005	
			2009	30027
			2010	28508
Hydraulic net generation	GWh	Σ	2005	
			2009	11093
			2010	12453
Other renewable net generation	GWh	Σ	2005	
			2009	0
			2010	0
- of which wind	GWh	Σ	2005	
			2009	0
			2010	0
- of which solar	GWh	Σ	2005	
			2009	0
			2010	0
Non-identifiable net generation	GWh	Σ	2005	
			2009	0
			2010	0
Total net generation calculated to represent 100% of the national values	GWh	Σ	2005	
			2009	41120
			2010	40961
Sum of physical imports	GWh	Σ	2005	
			2009	5879
			2010	7027
Sum of physical exports	GWh	Σ	2005	
			2009	6739
			2010	6704
Total exchange balance	GWh	Σ	2005	
			2009	649
			2010	-321
Consumption of pumps	GWh	Σ	2005	
			2009	915
			2010	1115
National electrical consumption, calculated to represent 100% of the national values	GWh	Σ	2005	
			2009	40854
			2010	39525
Consumption load 3:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	2005	
			18.02.09	4887
			15.12.10	5161
Consumption load 11:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	2005	
			18.02.09	6424
			15.12.10	6491
Highest load on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	2005	
			18.02.09	6923
			15.12.10	7034
Time of highest load on the 3rd Wednesday		CET	2005	
			18.02.09	19:00
			15.12.10	18:00

MM_YY	Export (-)										Import (+)										Total_IMP - Total_EXP
	RS ² →BA	RS ² →BG	RS ² →HR	RS ² →HU	RS→ME	RS ² →MK	RS ² →RO	RS ² →AL	Total_EXP	BA→RS ²	BG→RS ²	HR→RS ²	HR→RS ²	HU→RS ²	ME→RS	MK→RS ²	RO→RS ²	AL→RS ²	Total_IMP	Balance	
I.05	82	0	377	0	0	234	0	7	700	93	262	0	0	175	0	0	280	78	888	188	
II.05	100	0	371	0	0	164	0	0	635	45	327	0	0	198	0	0	304	112	986	351	
III.05	80	0	380	2	0	129	0	1	592	67	283	0	0	90	0	0	241	102	783	191	
IV.05	51	0	318	6	0	124	0	7	506	54	218	0	0	100	0	0	187	63	622	116	
V.05	59	0	265	0	0	212	8	2	546	42	229	0	0	129	0	0	51	77	528	-18	
VI.05	133	0	300	0	0	171	2	7	613	20	210	0	0	140	0	0	98	61	529	-84	
VII.05	44	0	299	0	0	200	13	18	574	77	205	1	132	0	0	0	115	44	574	0	
VIII.05	34	0	284	0	0	177	7	8	510	142	89	0	181	0	0	0	138	25	575	65	
IX.05	72	0	328	3	0	133	0	12	548	59	116	0	99	0	1	164	55	494	-54		
X.05	70	4	374	3	3	78	3	26	558	100	154	0	90	0	0	213	48	605	47		
XI.05	123	0	440	2	0	182	0	39	786	86	312	0	124	0	0	348	31	901	115		
XII.05	63	0	402	0	0	186	0	66	717	108	355	1	235	0	0	364	15	1078	361		
2005	911	4	4138	16	1990	33	193	7285	893	2760	2	1693	2	1693	1	2503	711	8563	1278		
I.09	142	0	193	0	26	204	0	2	567	27	139	0	160	137	0	243	40	746	179		
II.09	92	0	181	0	4	236	0	0	513	23	135	0	122	177	0	178	74	709	196		
III.09	120	0	173	0	31	261	0	3	588	36	90	0	142	122	0	150	36	576	-12		
IV.09	78	1	138	3	19	170	2	0	411	28	51	0	65	121	0	60	95	420	9		
V.09	86	15	118	19	53	210	7	5	513	39	17	0	36	58	0	79	47	276	-237		
VI.09	134	13	140	36	59	262	11	14	669	43	19	0	43	29	0	71	15	220	-449		
VII.09	127	14	130	6	99	295	6	15	692	32	29	0	86	19	0	61	6	233	-459		
VIII.09	130	3	106	0	128	161	28	22	578	27	95	0	98	14	0	94	4	332	-246		
IX.09	219	0	84	2	171	79	0	23	578	16	124	0	81	4	3	135	9	372	-206		
X.09	159	0	147	9	100	110	0	9	534	26	161	0	117	43	0	189	23	559	25		
XI.09	180	0	186	0	118	102	0	4	590	15	235	0	149	32	0	227	39	697	107		
XII.09	104	0	111	0	44	240	1	6	506	49	89	0	266	137	0	161	37	739	233		
2009	1571	46	1707	75	852	2330	55	103	6739	361	1184	0	1365	893	3	1648	425	5879	-860		
I.10	29	5	145	3	2	224	5	0	413	71	87	0	123	301	0	89	135	806	393		
II.10	54	0	146	2	12	188	3	0	405	30	124	0	86	166	0	85	94	585	180		
III.10	32	3	149	16	10	291	7	0	508	38	71	11	61	196	0	51	145	573	65		
IV.10	64	17	174	63	18	206	26	0	568	20	37	2	6	112	0	16	145	338	-230		
V.10	22	33	153	158	18	191	25	0	600	54	24	0	0	130	0	23	142	373	-227		
VI.10	114	0	170	88	10	203	0	4	589	7	148	0	5	75	0	179	37	451	-138		
VII.10	247	0	159	70	92	163	0	35	766	7	226	0	1	34	0	279	1	548	-218		
VIII.10	209	0	76	18	93	222	8	41	667	8	233	0	15	19	0	203	1	479	-188		
IX.10	211	0	86	35	106	161	0	62	661	12	174	1	9	44	0	189	0	429	-232		
X.10	197	0	133	6	95	139	0	7	577	14	193	0	51	74	0	282	86	700	123		
XI.10	95	0	160	26	46	135	0	0	462	32	226	0	32	104	0	269	104	767	305		
XII.10	45	0	189	59	9	186	0	0	488	69	251	0	3	195	0	303	157	978	490		
2010	1319	58	1740	544	511	2309	74	149	6704	362	1794	14	392	1450	0	1968	1047	7027	323		

¹ These physical energy flows were measured on the cross-frontier transmission lines (≥110 kV). These values may differ from the official statistics and the total physical balance in the table "Monthly values: Operation". ² RS data year 2005 are imports and exports of CS.

Sweden

Yearly values / Operation

Thermal nuclear net generation	GWh	Σ	2005	69461
			2009	50023
			2010	55626
Fossil fuels net generation	GWh	Σ	2005	12195
			2009	4822
			2010	7803
Hydraulic net generation	GWh	Σ	2005	72143
			2009	65251
			2010	66215
Other renewable net generation	GWh	Σ	2005	930
			2009	13603
			2010	15386
- of which wind	GWh	Σ	2005	930
			2009	2523
			2010	3479
- of which solar	GWh	Σ	2005	n.a.
			2009	0
			2010	0
Non-identifiable net generation	GWh	Σ	2005	0
			2009	43
			2010	0
Total net generation calculated to represent 100% of the national values	GWh	Σ	2005 ¹	154729
			2005 ¹	133742
			2005 ¹	145030
Sum of physical imports	GWh	Σ	2005	14228
			2009	14488
			2010	16988
Sum of physical exports	GWh	Σ	2005	16263
			2009	7532
			2010	14728
Total exchange balance	GWh	Σ	2005	n.a.
			2009	n.a.
			2010	2078
Consumption of pumps	GWh	Σ	2005	n.a.
			2009	0
			2010	18
National electrical consumption, calculated to represent 100% of the national values	GWh	Σ	2005	147332
			2009	138346
			2010	147090
Consumption load 3:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	2005	n.a.
			2009	n.a.
			15.12.10	19868
Consumption load 11:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	2005	n.a.
			2009	n.a.
			15.12.10	25243
Highest load on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	2005	n.a.
			2009	n.a.
			15.12.10	25807
Time of highest load on the 3rd Wednesday		CET	2005	n.a.
			2009	n.a.
			15.12.10	18:00

¹Including deliveries from industry

MM_YY	Export (-)							Import (+)					Total_IMP - Total_EXP	Balance	
	SE→DE	SE→DK_W	SE→DK	SE→FI	SE→NO	SE→PL	Total_EXP	DE→SE	DK_W→SE	DK→SE	FI→SE	NO→SE			PL→SE
I.05				n.a.	n.a.	324	n.a.	61	67		n.a.	n.a.	8	n.a.	n.a.
II.05	288	70		n.a.	n.a.	211	n.a.	12	74		n.a.	n.a.	8	n.a.	n.a.
III.05	199	54		n.a.	n.a.	1	n.a.	67	127		n.a.	n.a.	121	n.a.	n.a.
IV.05	286	201		n.a.	n.a.	4	n.a.	38	14		n.a.	n.a.	174	n.a.	n.a.
V.05	0	228		n.a.	n.a.	18	n.a.	70	9		n.a.	n.a.	177	n.a.	n.a.
VI.05	309	286		n.a.	n.a.	163	n.a.	19	5		n.a.	n.a.	21	n.a.	n.a.
VII.05	389	292		n.a.	n.a.	34	n.a.	4	0		n.a.	n.a.	118	n.a.	n.a.
VIII.05	232	255		n.a.	n.a.	0	n.a.	58	10		n.a.	n.a.	59	n.a.	n.a.
IX.05	279	305		n.a.	n.a.	36	n.a.	9	0		n.a.	n.a.	20	n.a.	n.a.
X.05	269	257		n.a.	n.a.	4	n.a.	40	7		n.a.	n.a.	178	n.a.	n.a.
XI.05	300	180		n.a.	n.a.	22	n.a.	15	12		n.a.	n.a.	49	n.a.	n.a.
XII.05	243	118		n.a.	n.a.	0	n.a.	44	74		n.a.	n.a.	249	n.a.	n.a.
2005	3100	2317		7193	2836	817	16263	437	399		1394	10816	1182	14228	-2035
I.09	210	119		n.a.	n.a.	231	n.a.	32	181		n.a.	n.a.	24	n.a.	n.a.
II.09	85	99		n.a.	n.a.	146	n.a.	25	100		n.a.	n.a.	27	n.a.	n.a.
III.09	17	66		n.a.	n.a.	55	n.a.	13	219		n.a.	n.a.	48	n.a.	n.a.
IV.09	120	83		n.a.	n.a.	35	n.a.	149	131		n.a.	n.a.	55	n.a.	n.a.
V.09	112	99		n.a.	n.a.	161	n.a.	120	105		n.a.	n.a.	7	n.a.	n.a.
VI.09	83	42		n.a.	n.a.	118	n.a.	141	150		n.a.	n.a.	8	n.a.	n.a.
VII.09	111	63		n.a.	n.a.	203	n.a.	119	136		n.a.	n.a.	15	n.a.	n.a.
VIII.09	58	13		n.a.	n.a.	154	n.a.	124	297		n.a.	n.a.	1	n.a.	n.a.
IX.09	67	28		n.a.	n.a.	122	n.a.	72	219		n.a.	n.a.	0	n.a.	n.a.
X.09	51	31		n.a.	n.a.	69	n.a.	56	110		n.a.	n.a.	0	n.a.	n.a.
XI.09	36	16		n.a.	n.a.	76	n.a.	113	163		n.a.	n.a.	21	n.a.	n.a.
XII.09	18	8		n.a.	n.a.	24	n.a.	225	174		n.a.	n.a.	48	n.a.	n.a.
2009	968	667		1855	2648	1394	7532	1189	1985		3162	7898	254	14488	6956
I.10	1		3	100	294	26	424	329	680		329	508	74	1920	1496
II.10	0		2	157	400	0	559	374	790		557	323	89	2133	1574
III.10	1		7	1	721	21	751	293	796		946	120	74	2229	1478
IV.10	32	126	11	1075	93	93	1337	85	290		881	69	12	1337	0
V.10	230	535	191	1388	232	232	2576	31	44		396	30	5	506	-2070
VI.10	220	697	189	1269	66	2441	2441	61	38		296	51	0	446	-1995
VII.10	199	647	698	449	160	2153	2153	139	86		36	396	7	664	-1489
VIII.10	102	357	570	504	78	1611	1611	127	132		43	177	2	481	-1130
IX.10	41	62	235	350	5	693	693	254	467		277	378	44	1420	727
X.10	97	98	174	294	36	699	699	224	461		502	871	49	2107	1408
XI.10	79	117	234	510	39	979	979	206	359		472	368	59	1464	485
XII.10	5	5	76	414	5	505	505	232	835		735	400	79	2281	1776
2010	1007	2656	2636	7668	761	14728	14728	2355	4978		5470	3691	494	16988	2260

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

Slovenia

Yearly values / Operation

Thermal nuclear net generation	GWh	Σ	2005	5609
			2009	5458
			2010	5377
Fossil fuels net generation	GWh	Σ	2005	4601
			2009	4696
			2010	4794
Hydraulic net generation	GWh	Σ	2005	3002
			2009	4272
			2010	4249
Other renewable net generation	GWh	Σ	2005	0
			2009	0
			2010	0
- of which wind	GWh	Σ	2005	0
			2009	0
			2010	0
- of which solar	GWh	Σ	2005	n.a.
			2009	0
			2010	0
Non-identifiable net generation	GWh	Σ	2005	0
			2009	0
			2010	0
Total net generation calculated to represent 100% of the national values	GWh	Σ	2005	13212
			2009	14426
			2010	14420
Sum of physical imports	GWh	Σ	2005	9285
			2009	7783
			2010	8611
Sum of physical exports	GWh	Σ	2005	9540
			2009	10843
			2010	10744
Total exchange balance	GWh	Σ	2005	-445
			2009	-3089
			2010	-2172
Consumption of pumps	GWh	Σ	2005	0
			2009	0
			2010	0
National electrical consumption, calculated to represent 100% of the national values	GWh	Σ	2005	12767
			2009	11337
			2010	12248
Consumption load 3:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	21.12.05	1416
			16.12.09	1095
			15.12.10	1349
Consumption load 11:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	21.12.05	1991
			16.12.09	1763
			15.12.10	1804
Highest load on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	21.12.05	2074
			16.12.09	1895
			15.12.10	1919
Time of highest load on the 3rd Wednesday		CET	21.12.05	08:00
			16.12.09	18:00
			15.12.10	19:00

Physical exchanges in interconnected operation ¹

Slovenia

GWh

MM_YY	Total_EXP			Import (+)			Total_IMP	Total_IMP - Total_EXP	Balance
	SI→AT	SI→HR	SI→IT	AT→SI	HR→SI	IT→SI			
I.05	75	22	789	126	768	0	894	8	
II.05	40	46	725	116	688	0	804	-7	
III.05	42	29	789	68	849	0	917	57	
IV.05	14	60	842	116	737	0	853	-63	
V.05	6	99	580	76	578	0	654	-31	
VI.05	68	66	630	128	611	0	739	-25	
VII.05	20	130	732	154	649	0	803	-79	
VIII.05	50	177	372	110	477	0	587	-12	
IX.05	46	140	546	134	582	0	716	-16	
X.05	28	137	834	186	695	0	881	-118	
XI.05	58	140	548	93	581	0	674	-72	
XII.05	86	30	544	34	729	0	763	103	
2005	533	1076	7931	1341	7944	0	9285	-255	
I.09	167	126	541	52	604	0	656	-178	
II.09	174	72	678	14	686	1	701	-223	
III.09	89	157	647	42	594	0	636	-257	
IV.09	5	24	727	192	533	0	725	-31	
V.09	0	385	573	250	312	4	566	-392	
VI.09	1	375	638	210	374	4	588	-426	
VII.09	1	538	599	381	320	2	703	-435	
VIII.09	1	506	99	284	121	12	417	-189	
IX.09	0	452	404	380	244	24	648	-208	
X.09	5	398	599	305	445	4	754	-248	
XI.09	18	204	672	169	509	2	680	-214	
XII.09	9	337	622	248	454	7	709	-259	
2009	470	3574	6799	2527	5196	60	7783	-3060	
I.10	35	190	727	127	614	21	762	-190	
II.10	36	145	775	146	708	5	859	-97	
III.10	33	200	862	104	751	7	862	-233	
IV.10	55	179	726	80	656	28	764	-196	
V.10	30	260	697	111	585	4	700	-287	
VI.10	10	306	580	204	445	10	659	-237	
VII.10	0	357	394	337	333	6	676	-75	
VIII.10	6	415	72	170	104	12	286	-207	
IX.10	1	322	526	233	340	6	579	-270	
X.10	3	48	610	364	492	14	870	209	
XI.10	72	136	880	130	693	5	828	-260	
XII.10	303	89	664	5	759	2	766	-290	
2010	584	2647	7513	2011	6480	120	8611	-2133	

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".

Thermal nuclear net generation	GWh	Σ	2005	16376
			2009	13097
			2010	13577
Fossil fuels net generation	GWh	Σ	2005	5508
			2009	6277
			2010	5620
Hydraulic net generation	GWh	Σ	2005	4571
			2009	4683
			2010	5525
Other renewable net generation	GWh	Σ	2005	6
			2009	389
			2010	476
- of which wind	GWh	Σ	2005	6
			2009	5
			2010	7
- of which solar	GWh	Σ	2005	n.a.
			2009	0
			2010	9
Non-identifiable net generation	GWh	Σ	2005	2497
			2009	0
			2010	930
Total net generation calculated to represent 100% of the national values	GWh	Σ	2005 ¹	29141
			2009 ¹	24446
			2010 ¹	26128
Sum of physical imports	GWh	Σ	2005	8568
			2009	8996
			2010	7342
Sum of physical exports	GWh	Σ	2005	11290
			2009	7682
			2010	6295
Total exchange balance	GWh	Σ	2005	-2721
			2009	1312
			2010	1041
Consumption of pumps	GWh	Σ	2005	137
			2009	322
			2010	528
National electrical consumption, calculated to represent 100% of the national values	GWh	Σ	2005	26283
			2009	25436
			2010	26641
Consumption load 3:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	19.01.05	3373
			18.02.09	3158
			15.12.10	3390
Consumption load 11:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	19.01.05	4010
			18.02.09	3948
			15.12.10	4126
Highest load on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	21.12.05	4323
			16.12.09	4056
			15.12.10	4326
Time of highest load on the 3rd Wednesday	CET		21.12.05	17:00
			16.12.09	18:00
			15.12.10	17:00

¹Including deliveries from industry

MM_YY	Export (-)					Import (+)					Total_IMP - Total_EXP	Balance
	SK→CZ	SK→HU	SK→PL	SK→UA_W	Total_EXP	CZ→SK	HU→SK	PL→SK	UA_W→SK	Total_IMP		
I.05	55	918	0	187	1160	547	0	297	0	844	-316	
II.05	49	822	0	172	1043	510	0	282	0	792	-251	
III.05	35	785	0	99	919	538	0	260	0	798	-121	
IV.05	43	680	0	169	892	457	0	272	0	729	-163	
V.05	10	653	0	141	804	473	0	213	0	686	-118	
VI.05	49	612	0	109	770	414	0	199	0	613	-157	
VII.05	55	895	0	69	1019	508	0	127	2	637	-382	
VIII.05	112	581	0	83	776	375	0	28	2	405	-371	
IX.05	79	500	0	104	683	360	0	156	0	516	-167	
X.05	89	744	0	157	990	474	0	272	0	746	-244	
XI.05	105	749	0	210	1064	530	0	348	0	878	-186	
XII.05	81	867	0	222	1170	586	0	338	0	924	-246	
2005	762	8806	0	1722	11290	5772	0	2792	4	8568	-2722	
I.09	3	546	0	152	701	663	0	310	9	982	281	
II.09	2	422	0	74	498	525	0	224	9	758	260	
III.09	3	610	0	182	795	575	0	264	7	846	51	
IV.09	44	403	11	106	564	217	0	99	7	323	-241	
V.09	19	421	30	37	507	347	0	71	19	437	-70	
VI.09	17	459	19	67	562	364	0	72	10	446	-116	
VII.09	3	654	1	136	794	686	0	155	5	846	52	
VIII.09	3	374	2	144	523	570	0	96	5	671	148	
IX.09	0	563	1	112	676	784	0	205	5	994	318	
X.09	0	514	0	172	686	685	0	294	8	987	301	
XI.09	45	451	0	117	613	507	0	283	10	800	187	
XII.09	2	583	0	178	763	634	0	265	7	906	143	
2009	141	6000	64	1477	7682	6557	0	2338	101	8996	1314	
I.10	24	353	4	64	445	409	0	147	22	578	133	
II.10	6	373	0	79	458	475	0	187	10	672	214	
III.10	16	447	1	119	583	421	0	220	8	649	66	
IV.10	19	517	2	131	669	457	0	168	7	632	-37	
V.10	28	339	10	52	429	346	0	99	12	457	28	
VI.10	34	393	20	51	498	306	0	63	9	378	-120	
VII.10	1	602	0	158	761	861	0	179	5	1045	284	
VIII.10	22	539	6	64	631	431	0	87	11	529	-102	
IX.10	6	447	8	55	516	591	0	1	15	607	91	
X.10	7	558	0	95	660	677	0	176	13	866	206	
XI.10	54	280	1	39	374	388	3	126	46	563	189	
XII.10	149	86	31	5	271	136	53	45	132	366	95	
2010	366	4934	83	912	6295	5498	56	1498	290	7342	1047	

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

Ukraine West

Yearly values / Operation

Thermal nuclear net generation	GWh	Σ	2005	0
			2009	0
			2010	0
Fossil fuels net generation	GWh	Σ	2005	7976
			2009	6509
			2010	5358
Hydraulic net generation	GWh	Σ	2005	110
			2009	121
			2010	152
Other renewable net generation	GWh	Σ	2005	0
			2009	0
			2010	0
- of which wind	GWh	Σ	2005	0
			2009	0
			2010	0
- of which solar	GWh	Σ	2005	n.a.
			2009	0
			2010	0
Non-identifiable net generation	GWh	Σ	2005	0
			2009	0
			2010	0
Total net generation calculated to represent 100% of the national values	GWh	Σ	2005	8086
			2009	6630
			2010	5510
Sum of physical imports	GWh	Σ	2005	1778
			2009	1721
			2010	1719
Sum of physical exports	GWh	Σ	2005	5501
			2009	4389
			2010	2876
Total exchange balance	GWh	Σ	2005	-3724
			2009	-2666
			2010	-1158
Consumption of pumps	GWh	Σ	2005	0
			2009	0
			2010	0
National electrical consumption, calculated to represent 100% of the national values	GWh	Σ	2005	4362
			2009	3964
			2010	4352
Consumption load 3:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	19.01.05	726
			18.02.09	601
			15.12.10	691
Consumption load 11:00 a.m. on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	21.12.05	833
			16.12.09	833
			15.12.10	970
Highest load on the 3rd Wednesday, calculated to represent 100% of the national values	MW	max.	21.12.05	978
			16.12.09	991
			15.12.10	1087
Time of highest load on the 3rd Wednesday	CET	21.12.05	17:00	
		16.12.09	17:00	
		15.12.10	18:00	

MM_YY	Export (-)			Import (+)			Total_IMP - Total_EXP	Balance	
	UA_W→HU	UA_W→RO	UA_W→SK	Total_EXP	HU→UA_W	RO→UA_W			SK→UA_W
I.05	438	56	0	494	0	0	187	187	-307
II.05	406	70	0	476	0	6	172	178	-298
III.05	386	51	0	437	0	13	99	127	-310
IV.05	403	60	0	463	3	0	169	172	-291
V.05	389	43	0	432	2	2	141	145	-287
VI.05	353	53	0	406	0	1	109	110	-296
VII.05	228	73	2	303	0	0	69	69	-234
VIII.05	373	43	2	418	5	2	83	90	-328
IX.05	412	47	0	459	1	0	104	105	-354
X.05	426	69	0	495	0	0	157	157	-338
XI.05	509	45	0	554	0	6	210	216	-338
XII.05	491	73	0	564	0	222	222	222	-342
2005	4814	683	4	5501	26	30	1722	1778	-3723
I.09	351	105	9	465	2	0	152	154	-311
II.09	295	81	9	385	4	0	74	78	-307
III.09	355	103	7	465	15	0	182	197	-268
IV.09	192	70	7	269	20	0	106	126	-143
V.09	47	102	19	168	30	0	37	67	-101
VI.09	203	115	10	328	32	0	67	99	-229
VII.09	267	117	5	389	12	0	136	148	-241
VIII.09	197	103	5	305	21	0	144	165	-140
IX.09	306	92	5	403	6	0	112	118	-285
X.09	248	143	8	399	15	3	172	190	-209
XI.09	226	137	10	373	25	0	117	142	-231
XII.09	221	212	7	440	59	0	178	237	-203
2009	2908	1380	101	4389	241	3	1477	1721	-2668
I.10	256	122	22	400	44	1	64	109	-291
II.10	215	115	10	340	42	0	79	121	-219
III.10	107	92	8	207	80	1	119	200	-7
IV.10	83	62	7	152	11	5	131	147	-5
V.10	89	27	12	128	48	23	52	123	-5
VI.10	140	7	9	156	47	53	51	151	-5
VII.10	214	6	5	225	2	60	158	220	-5
VIII.10	96	16	11	123	11	41	64	116	-7
IX.10	118	6	15	139	23	55	55	133	-6
X.10	284	45	13	342	14	7	95	116	-226
XI.10	241	26	46	313	33	38	39	110	-203
XII.10	217	2	132	351	71	97	5	173	-178
2010	2060	526	290	2876	426	381	912	1719	-1157

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".

