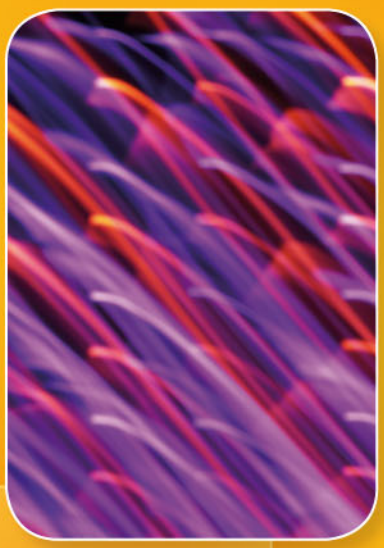
UCTE



February 2007

Monthly provisional values

union for the co-ordination of transmission of electricity

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General remarks and abbreviations used in the tables

- All values of production and consumption in chapter 1, 3&4, 5&6 and 12 are calculated to represent 100% of the national values.

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

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

- CET Central European Time

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

1 Electricity supply situation of the countries

February 2007

Coun-tries	Net production in GWh: Therm. nuclear	Therm conv.	Hydro prod	Other renew.	Of which wind	Not iden-tify	Total	Exchange balance in GWh	Pump in GWh	Consumption in GWh: monthly	var. [%]	last 12 months	var. [%]
AT	0	1911	2242	0	0	507	**4660** [1]	1084	224	5520	-4,1	66122	1,8
BA	0	658	290	0	0	0	**948**	-58	0	890	-8,8	10929	-3,0
BE[2]	3909	2977	150	229	37	0	**7265** [1]	288	138	7415	-4,2	89325	1,0
BG	1271	1724	144	0	0	0	**3139**	-118	50	2971	-15,8	34318	-6,3
CH	2174	187	2190	91	1	0	**4642** [1]	787	112	5317	-4,8	62587	-1,1
CZ	1487	4994	259	21	7	0	**6761** [1]	-1152	84	5525	-6,1	63354	-0,1
DE	12199	32081	1804	4759	3328	0	**50843** [1]	-2365	719	47759	-2,8	557333	-0,2
ES	4778	11208	3179	2895	2670	0	**22060** [1]	-236	384	21440	-1,1	260176	2,5
FR	36169	5830	5490	672	355	0	**48161** [1]	-5121	668	42372	-9,1	469701	-3,4
GR	0	3683	238	127	118	0	**4048** [1]	290	94	4244	-0,9	53722	0,8
HR	0	429	385	4	3	0	**818** [1]	611	23	1406	-5,3	16604	-0,3
HU[3]	1205	1816	0	0	0	0	**3021** [1]	271	0	3292	-1,7	40495	2,3
IT	0	19932	2730	731	326	0	**23393** [1]	4036	584	26845	-2,2	336842	1,4
LU	0	256	77	12	6	0	**345**	289	90	544	2,6	6629	4,3
ME	0	107	197	2	0	0	**306**	106	0	412	n.a.	844	n.a.
MK	0	508	81	0	0	0	**589** [1]	144	0	733	-11,3	8177	-0,4
NL	326	7600	0	648	264	0	**8574** [1]	1091	0	9665	1,4	116381	1,1
PL	0	12253	286	46	37	0	**12585** [1]	-673	49	11863	2,5	136427	3,2
PT	0	1899	1471	560	393	0	**3930** [1]	441	59	4312	0,8	50771	1,3
RO	442	3208	1141	0	0	0	**4791** [1]	-370	4	4417	-2,6	52772	1,7
RS	0	2322	900	0	0	0	**3222**	193	10	3405	n.a.	3533	n.a.
SI	469	418	176	0	0	0	**1063**	1	0	1064	-2,5	13270	2,7
SK	1273	620	409	24	1	0	**2326** [1]	-8	21	2297	-3,4	27061	2,4
UCTE	**65702**	**116621**	**23839**	**10821**	**7546**	**507**	**217490** [1]	**-469**	**3313**	**213708**	-3,8	**2511049** [4]	**-0,1**
DK_W	0	1728	3	637	525	0	2368 [1]	-504	0	1864	1,7	21730	1,4
UA_W	0	674	17	0	0	0	691 [1]	-308	0	383	-8,2	4250	-2,0

[1] Including deliveries from industry

[2] The reported figures are best estimates based on actual measurements and extrapolations

[3] Data on hydro, other renewable, not clearly identifiable production are not yet available

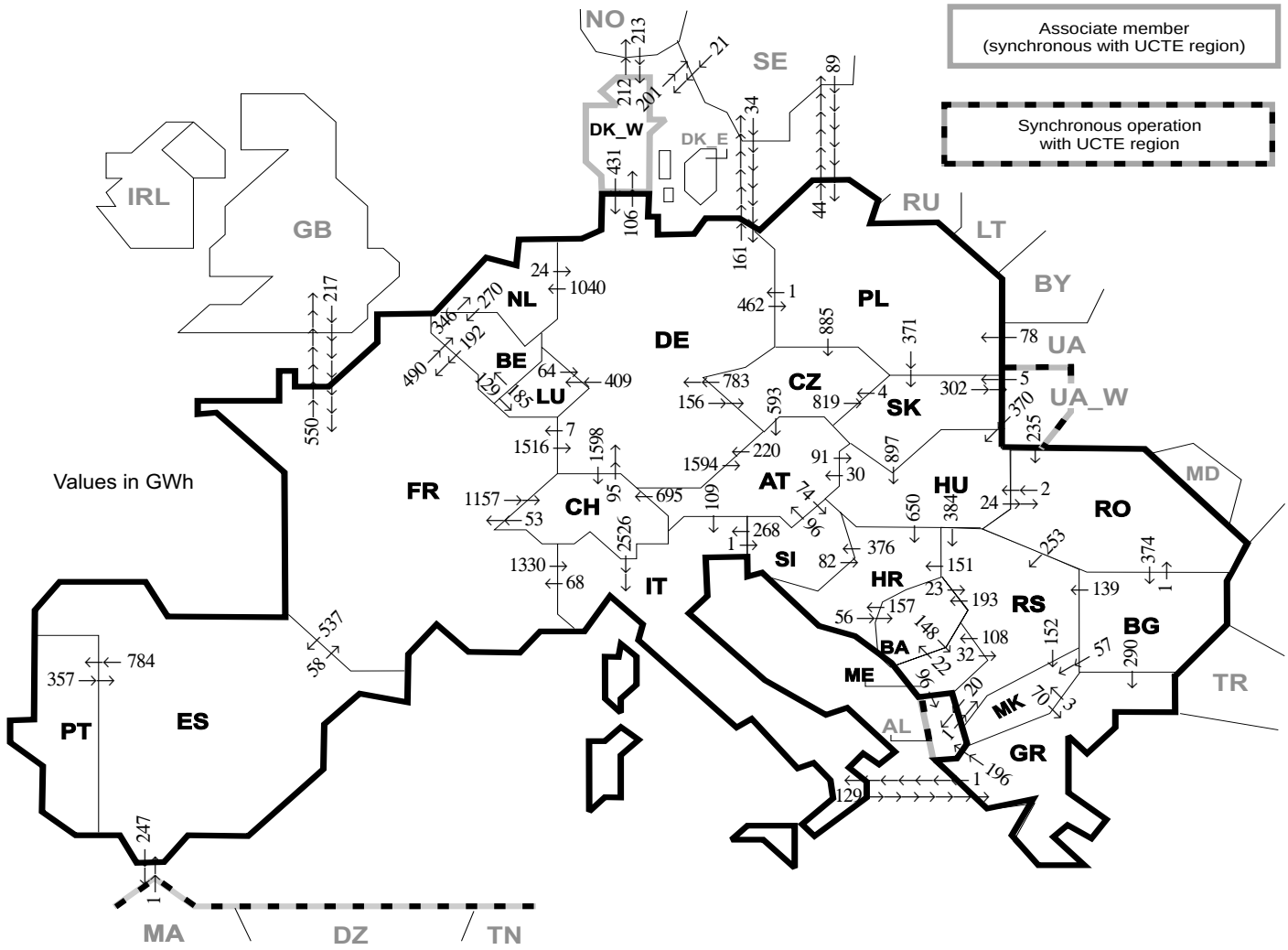
[4] Including consumption values CS until December 2006

All representativities of the national production and consumption values used to calculate values at a representativity of 100% as stated in the table above

Countries	AT	BA	BE	BG	CH	CZ	DE	ES	FR	GR	HR	HU	IT	LU	ME	MK	NL	PL	PT	RO	RS	SI	SK	DK_W	UA_W
Production																									
Therm nuclear	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Thermal conv.	100	100	100	100	100	100	100	97	100	100	100	100	100	100	100	100	100	100	93	100	100	100	100	100	100
Hydro prod	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Other renew.	100	100	100	100	100	100	100	95	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Not identify	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Consumption	100	100	100	100	100	100	100	98	100	100	100	100	100	100	100	100	100	100	97	100	100	95	100	100	100

2 Physical energy flows

February 2007

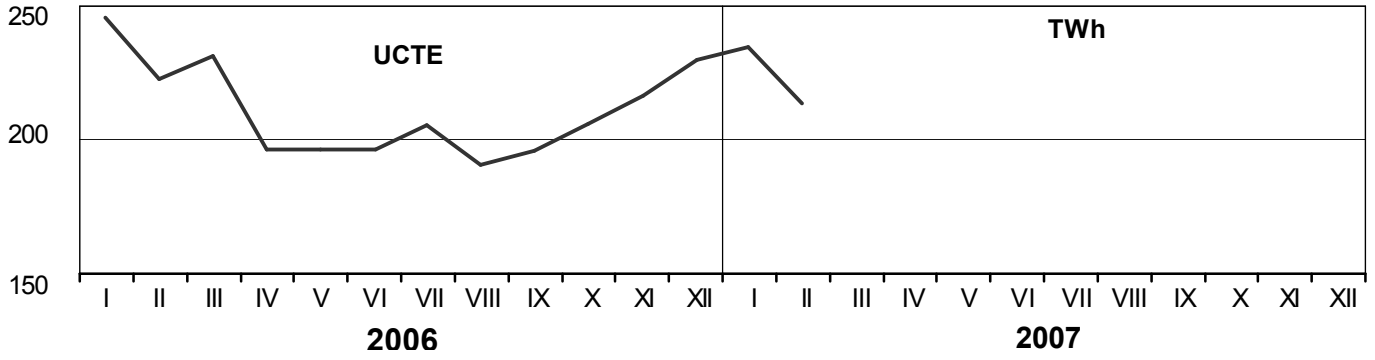


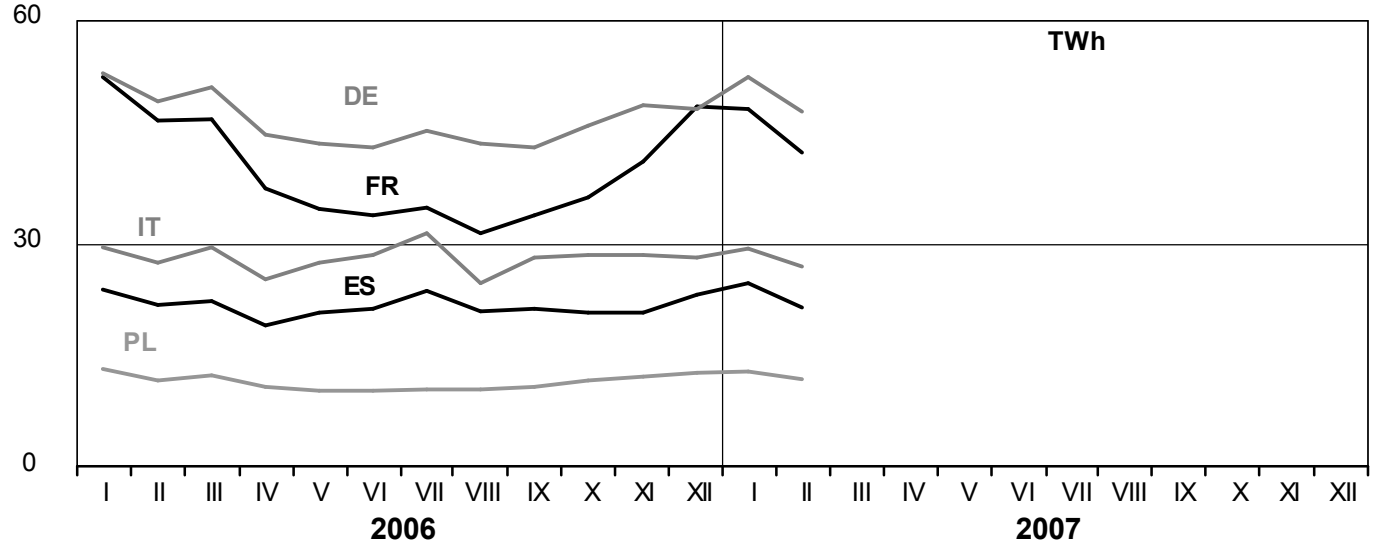
Exporting countries	AT	BA	BE	BG	CH	CZ	DE	ES	FR	GR	HR	HU	IT	LU	ME	MK	NL	PL	PT	RO	RS	SI	SK	DK_W	UA_W	Other III[1]	Sum export
AT	-	-	-	-	695	0	220	-	-	-	-	91	109	-	-	-	-	-	-	-	-	74	-	-	-	-	1189
BA	-	-	-	-	-	-	-	-	-	-	157	-	-	-	148	-	-	-	-	-	23	-	-	-	-	-	328
BE	-	-	-	-	-	-	-	-	192	-	-	-	-	129	-	-	346	-	-	-	-	-	-	-	-	-	667
BG	-	-	-	-	-	-	-	-	-	290	-	-	-	-	-	57	-	-	-	1	139	-	-	-	-	0	487
CH	0	-	-	-	-	-	95	-	53	-	-	-	2526	-	-	-	-	-	-	-	-	-	-	-	-	-	2674
CZ	593	-	-	-	-	-	783	-	-	-	-	-	-	-	-	-	-	0	-	-	-	-	819	-	-	-	2195
DE	1594	-	-	-	1598	156	-	-	7	-	-	-	-	409	-	-	1040	462	-	-	-	-	-	106	-	161	5533
ES	-	-	-	-	-	-	-	-	58	-	-	-	-	-	-	-	-	-	784	-	-	-	-	-	-	247	1089
FR	-	-	490	-	1157	-	1516	537	-	-	-	-	1330	-	-	-	-	-	-	-	-	-	-	-	-	550	5580
GR	-	-	-	0	-	-	-	-	-	-	-	-	1	-	-	3	-	-	-	-	-	-	-	-	-	196	200
HR	-	56	-	-	-	-	-	-	-	-	-	0	-	-	-	-	-	-	-	-	0	376	-	-	-	-	432
HU	30	-	-	-	-	-	-	-	-	-	650	-	-	-	-	-	-	-	-	24	384	-	0	-	0	-	1088
IT	0	-	-	-	0	-	-	-	68	129	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	198
LU	-	-	185	-	-	-	64	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	249
ME	-	22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	32	-	-	-	-	96	150
MK	-	-	-	0	-	-	-	-	-	70	-	-	-	-	-	-	-	-	-	-	0	-	-	-	-	-	70
NL	-	-	270	-	-	-	24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	294
PL	-	-	-	-	-	885	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	371	-	-	44	1301
PT	-	-	-	-	-	-	-	357	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	357
RO	-	-	-	374	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	253	-	-	-	0	0	629
RS	-	193	-	0	-	-	-	-	-	-	151	0	-	-	108	152	-	-	-	0	-	-	-	-	-	20	624
SI	96	-	-	-	-	-	-	-	-	-	82	-	268	-	-	-	-	-	-	-	-	-	-	-	-	-	446
SK	-	-	-	-	-	4	-	-	-	-	-	897	-	-	-	-	-	0	-	-	-	-	-	-	302	-	1203
DK_W	-	-	-	-	-	-	431	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	413	844
UA_W	-	-	-	-	-	-	-	-	-	-	-	370	-	-	-	-	-	-	-	235		-	5	-	-	-	610
Other III[1]	-	-	-	0	-	-	34	1	217	0	-	-	-	-	0	-	-	167	-	0	1	-	-	234	-	-	654
Sum imp	2313	271	945	374	3450	1045	3168	895	595	489	1040	1360	4234	538	256	212	1386	629	784	260	832	451	1195	340	302	1727	29091

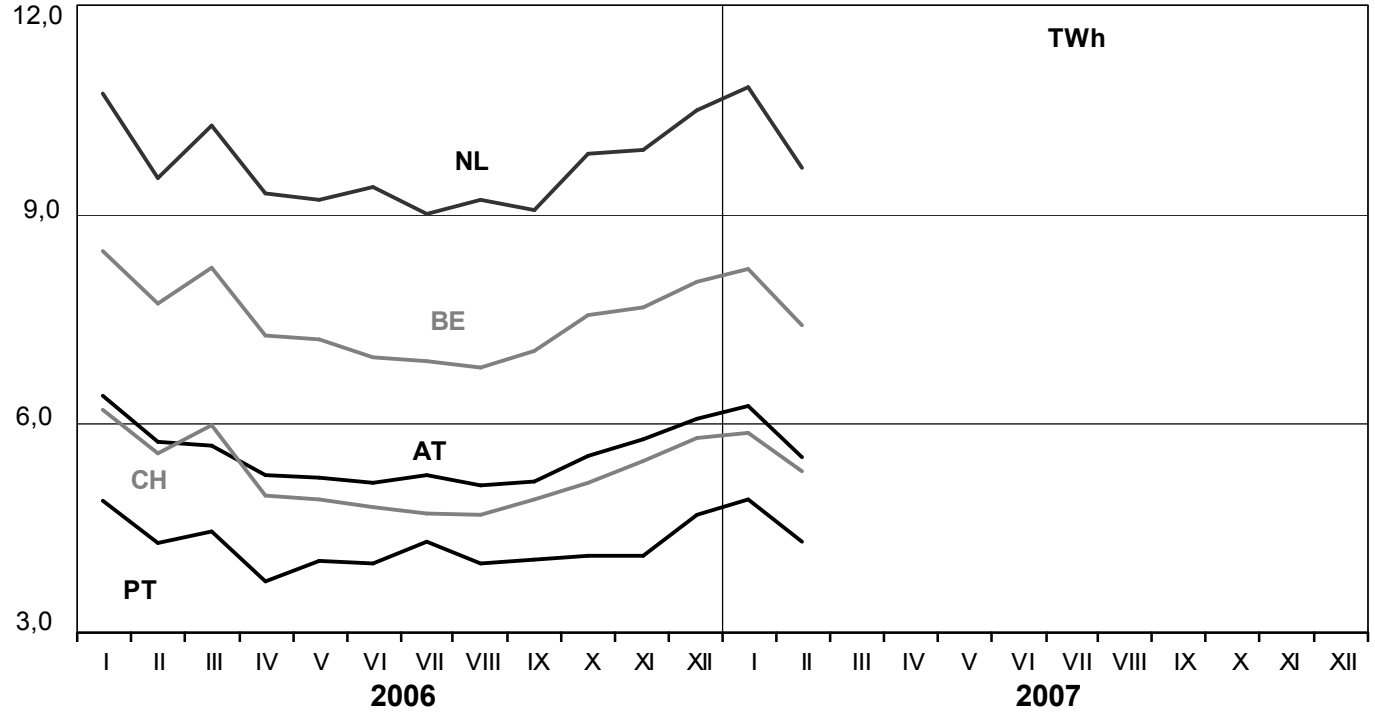
Sum of physical energy flows between UCTE countries = 25261GWh Total physical energy flows = 29091GWh

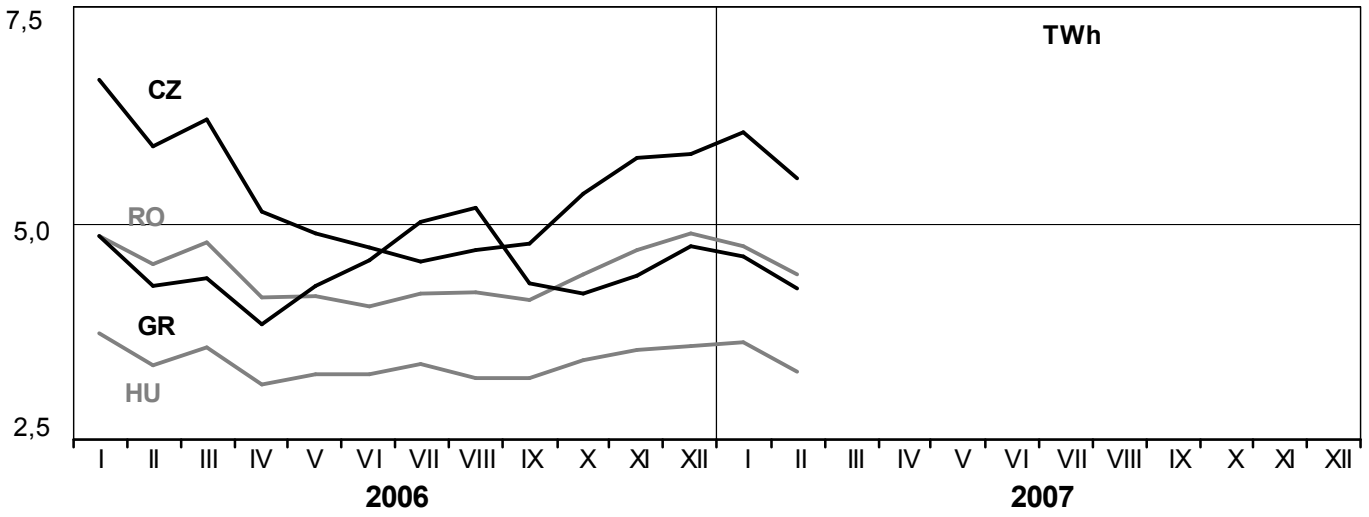
[1] Other III: Albania, Belarus, Denmark East, Great Britain, Morocco, Republic of Moldavia, Norway, Sweden, Republic of Turkey and Ukraina

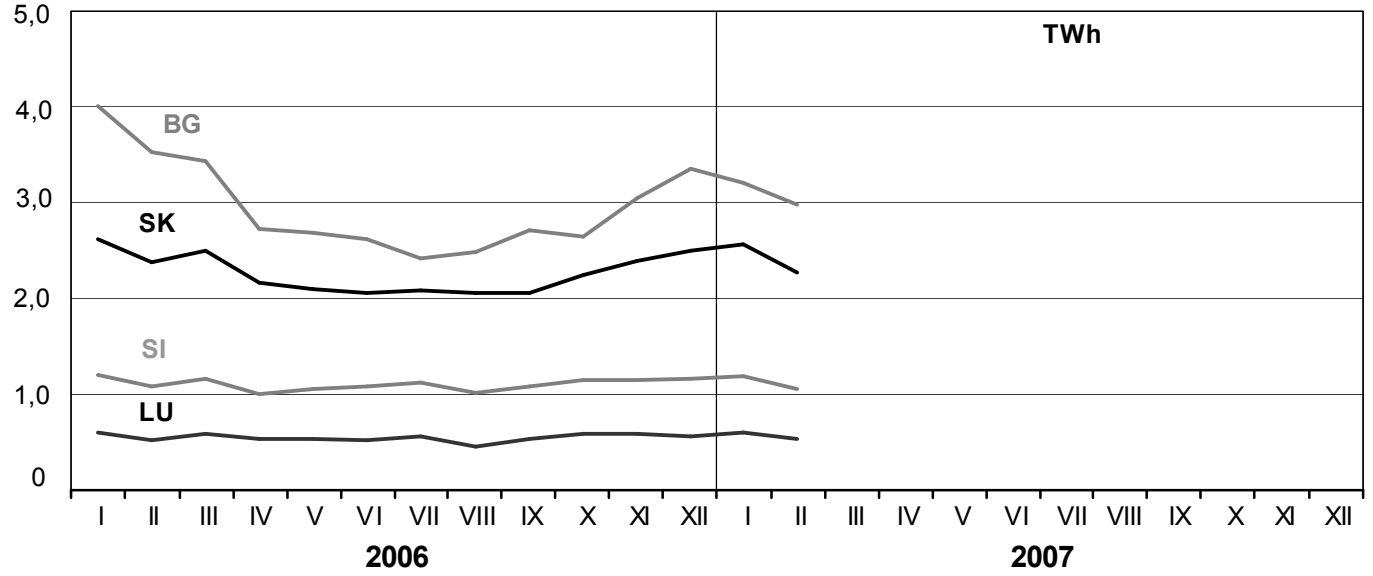
These physical energy flows were measured on the cross-frontier transmission lines (≤ 110 kV) listed in table 9 of the Statistical Yearbook. These values may differ from the official statistics and the exchange balances in chapter 1.

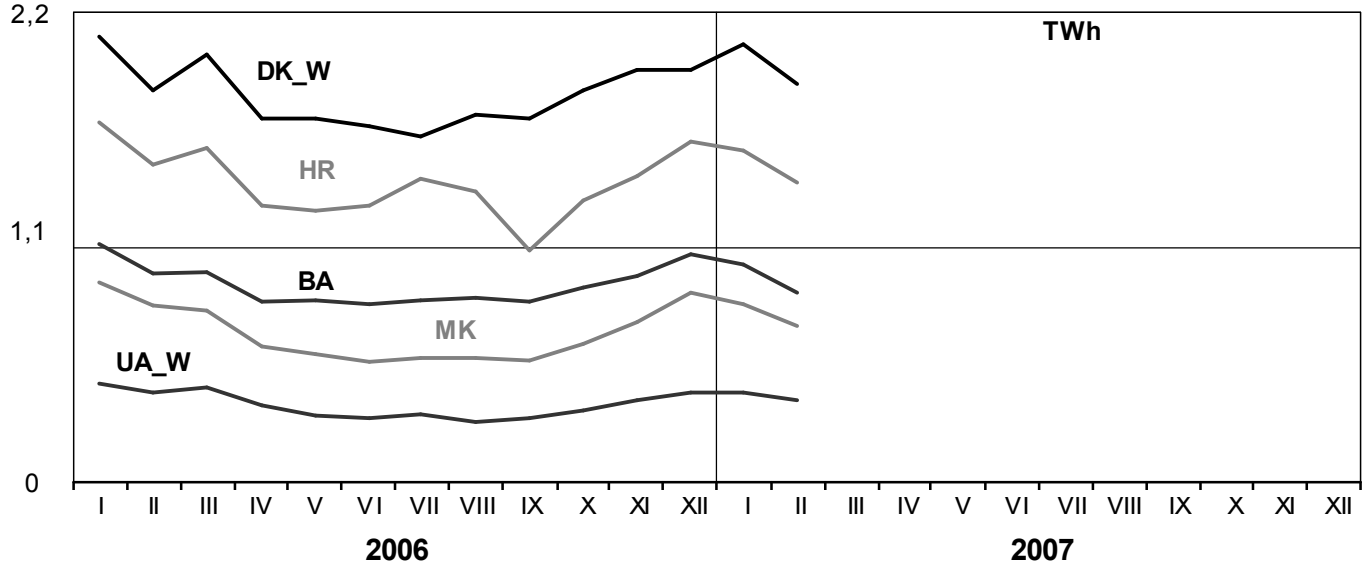

250
200
150
TWh
UCTE
I II III IV V VI VII VIII IX X XI XII I II III IV V VI VII VIII IX X XI XII
2006
2007


60
30
0
TWh
DE
FR
IT
ES
PL
I II III IV V VI VII VIII IX X XI XII I II III IV V VI VII VIII IX X XI XII
2006
2007


12,0
9,0
6,0
3,0
TWh
NL
BE
AT
CH
PT
I II III IV V VI VII VIII IX X XI XII I II III IV V VI VII VIII IX X XI XII
2006
2007

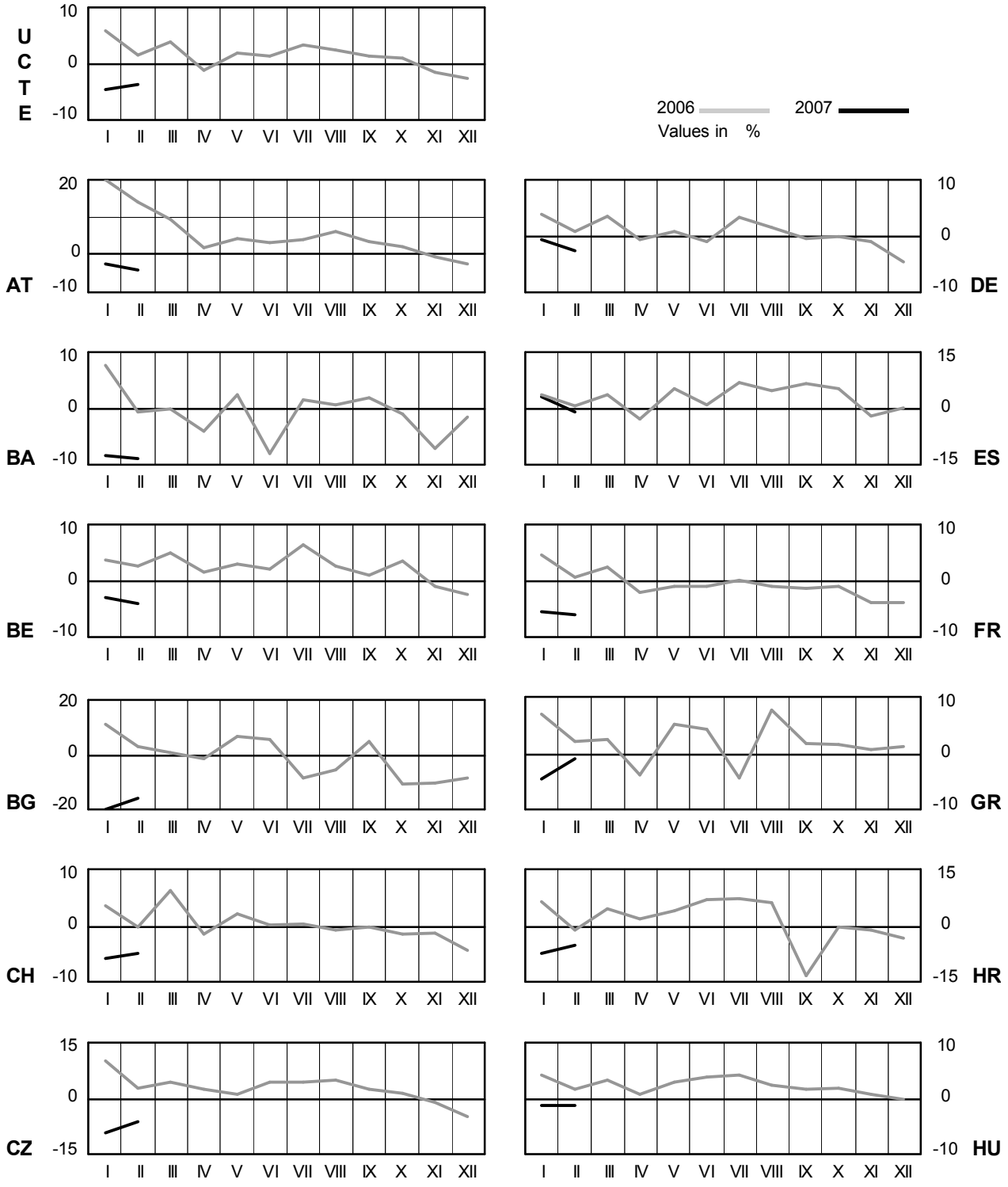

7,5
5,0
2,5
TWh
CZ
RO
GR
HU
I II III IV V VI VII VIII IX X XI XII I II III IV V VI VII VIII IX X XI XII
2006
2007

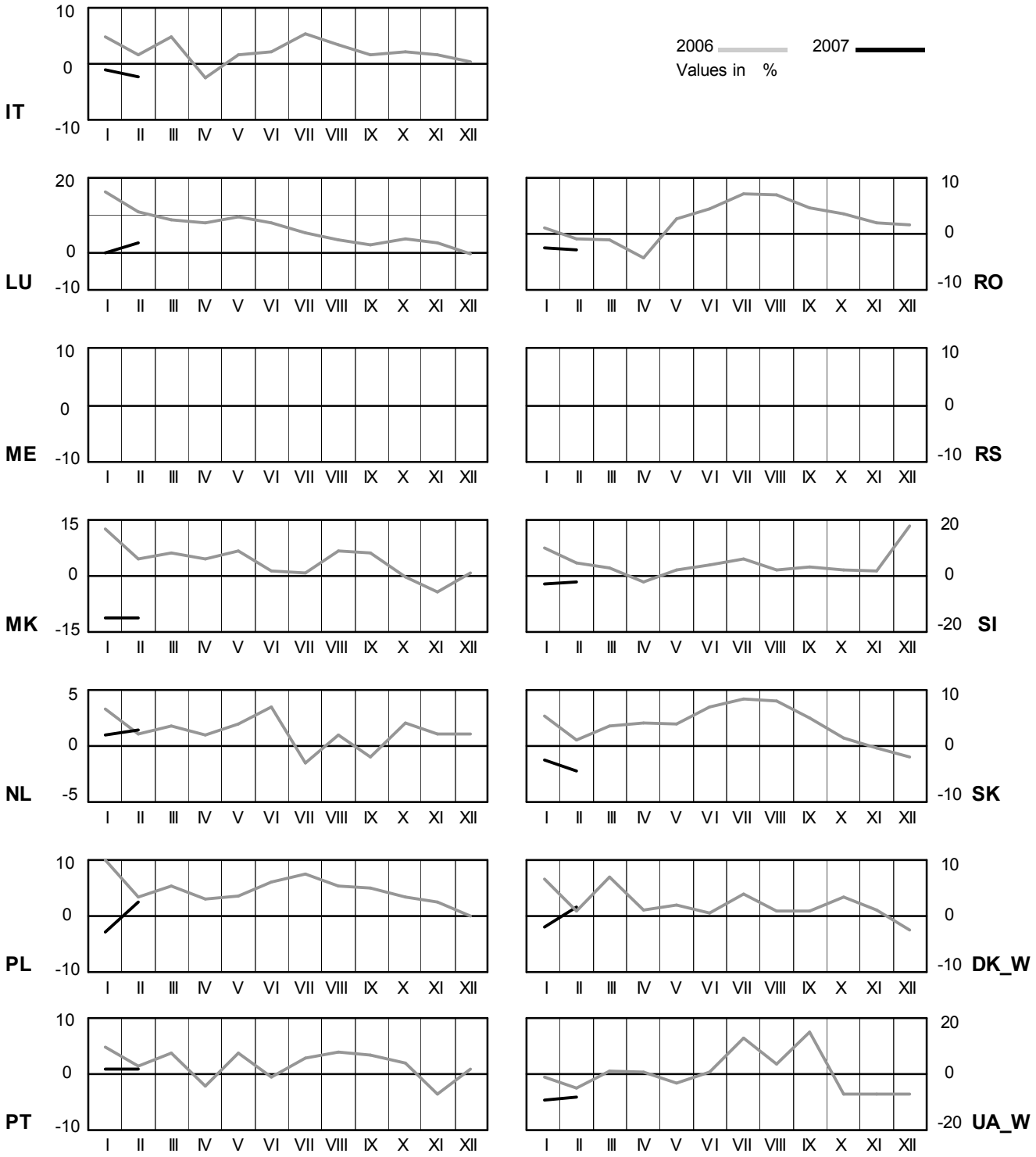

5,0
4,0
3,0
2,0
1,0
0
TWh
BG
SK
SI
LU
I II III IV V VI VII VIII IX X XI XII I II III IV V VI VII VIII IX X XI XII
2006
2007

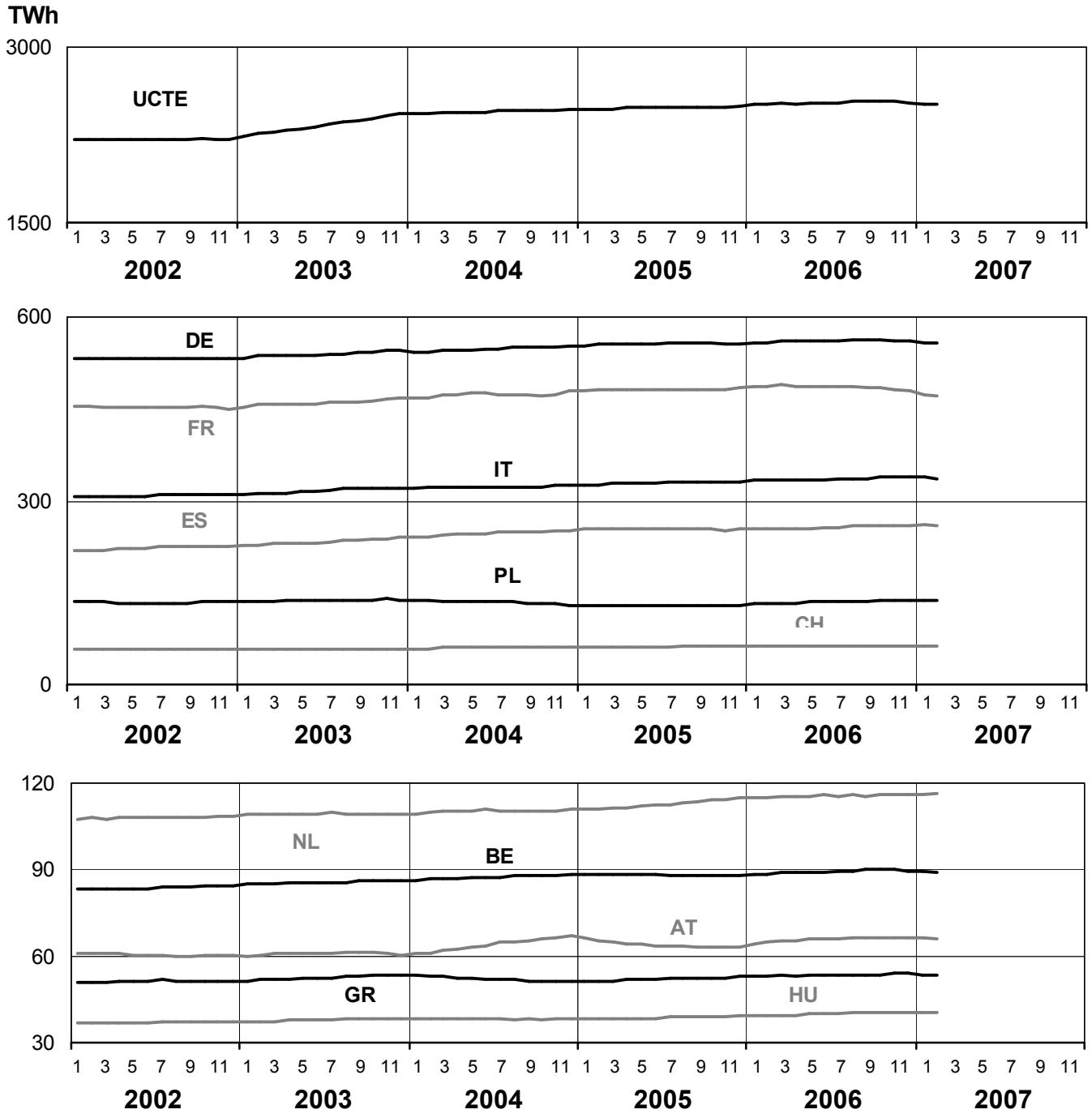

2,2
1,1
0
TWh
DK_W
HR
BA
MK
UA_W
I II III IV V VI VII VIII IX X XI XII I II III IV V VI VII VIII IX X XI XII
2006
2007

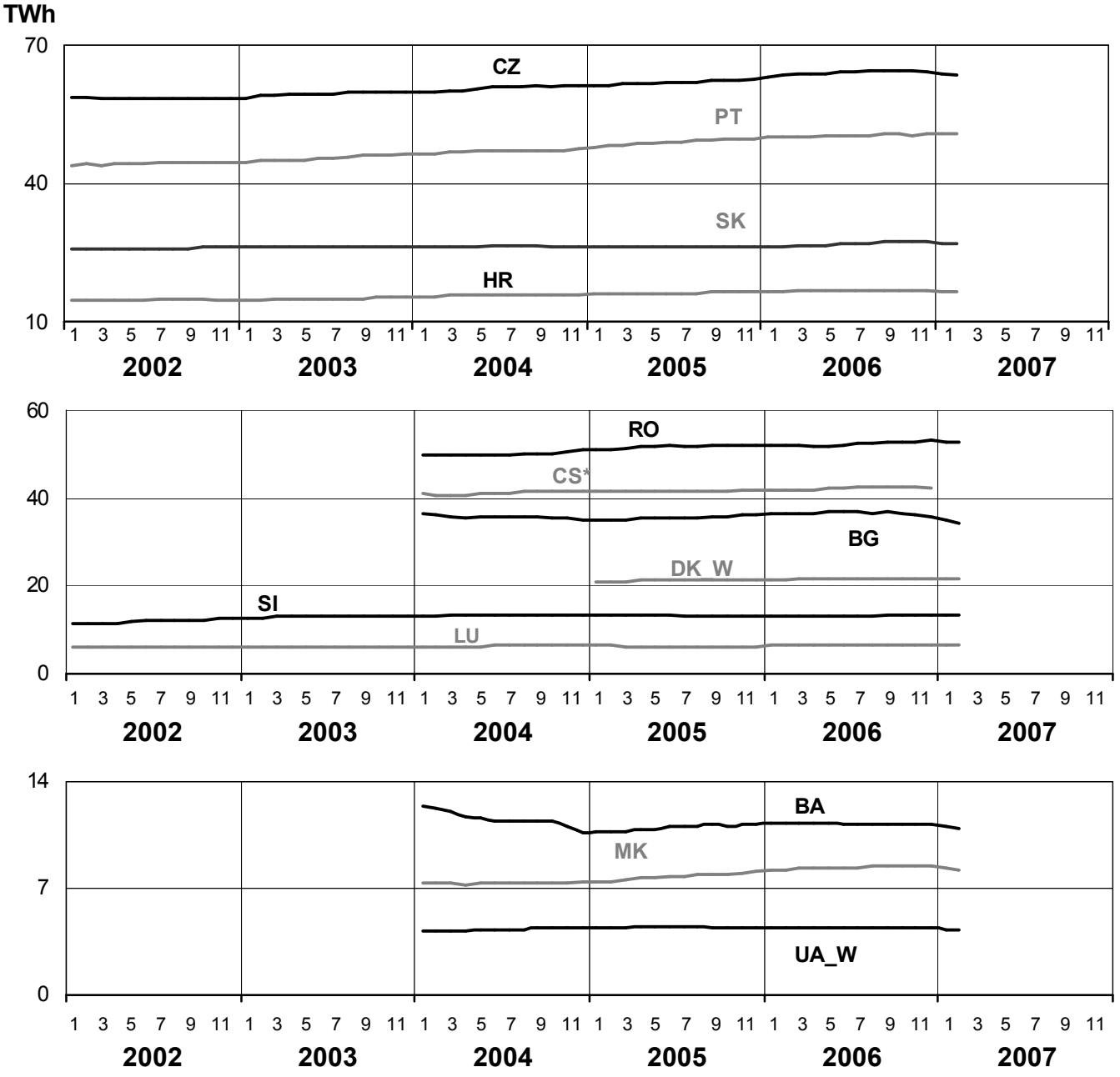
4 Monthly consumption variation

February 2007




2006
2007
Values in %
IT
LU
ME
MK
NL
PL
PT
RO
RS
SI
SK
DK_W
UA_W
I II III IV V VI VII VIII IX X XI XII

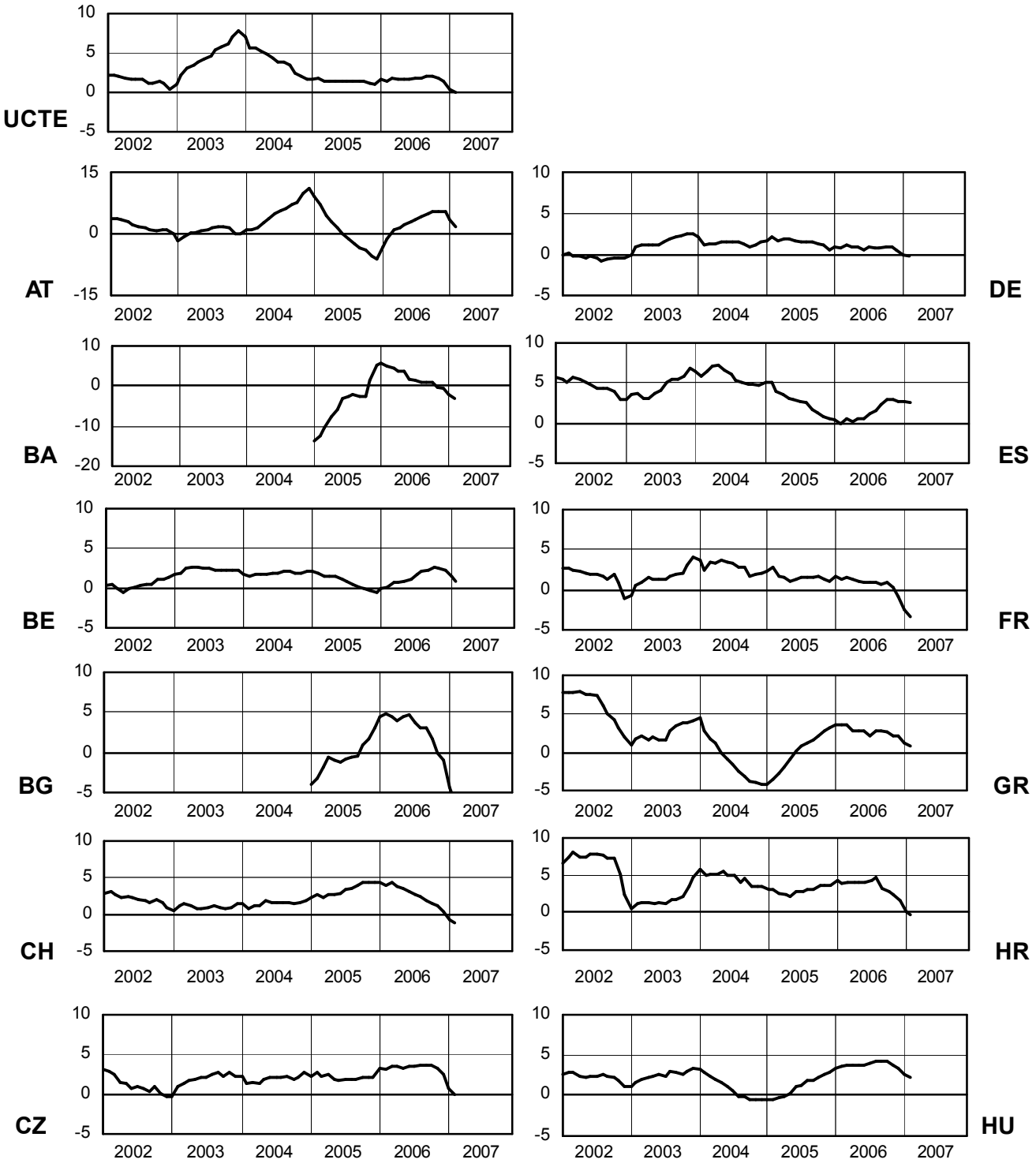

TWh
3000
1500
UCTE
600
300
0
DE
FR
IT
ES
PL
CH
120
90
60
30
NL
BE
AT
GR
HU
1 3 5 7 9 11
2002
2003
2004
2005
2006
2007



* CS consumptiuon values until December 2006; from 2007 on ME and RS as separate countries

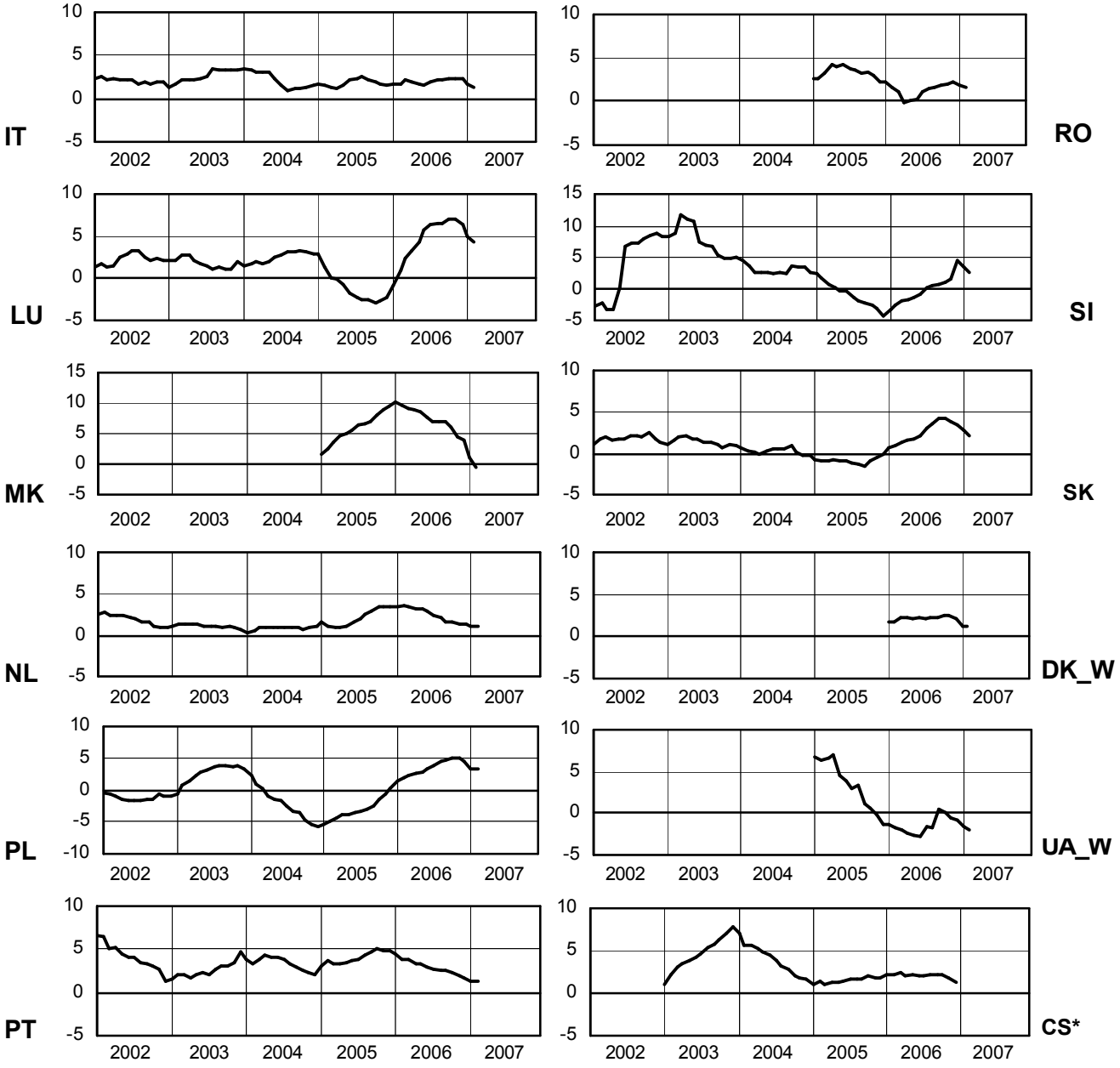
6 Variation of the last 12 months´consumption in %

February 2007

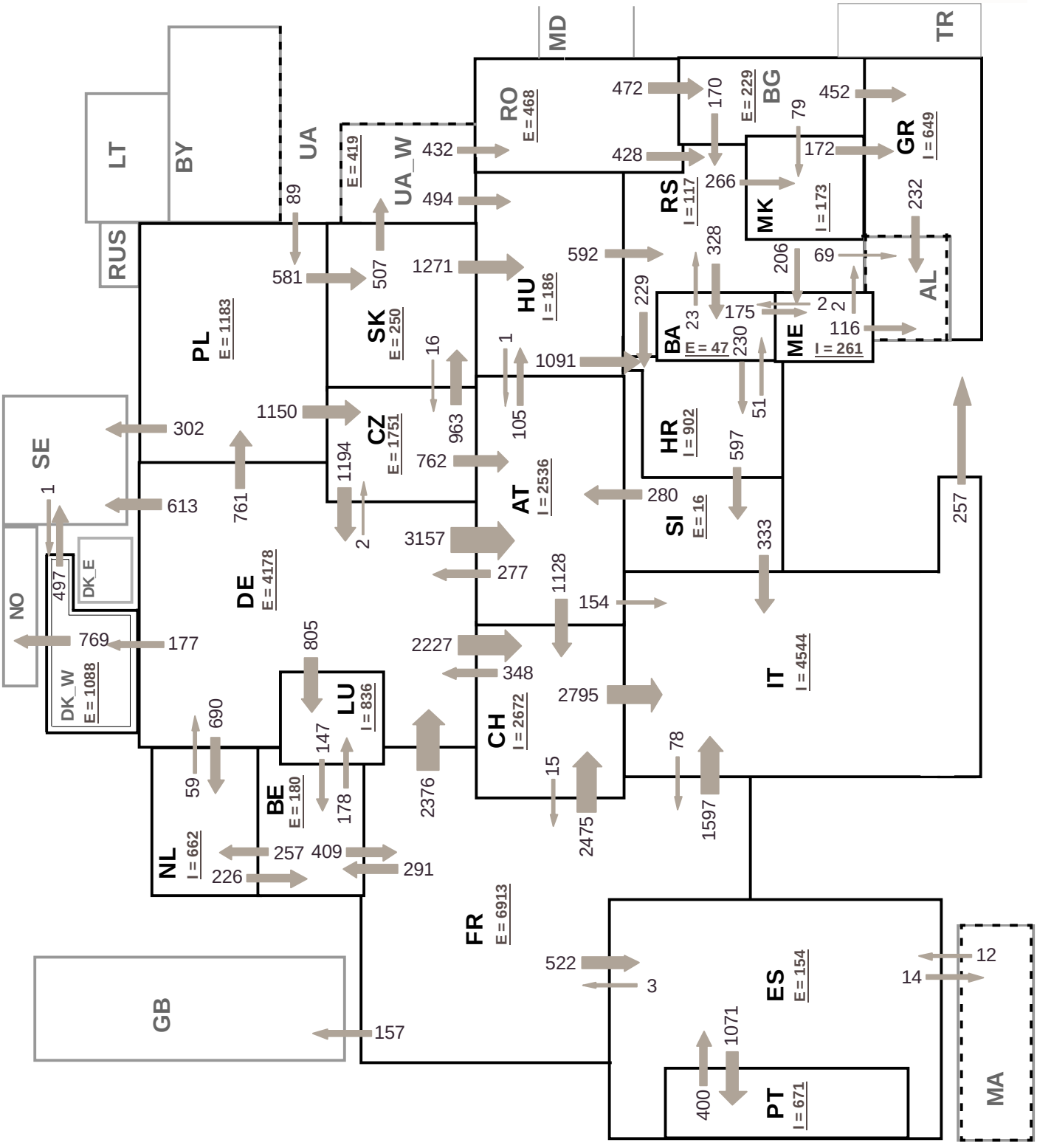


6 Variation of the last 12 months´consumption in %

February 2007



* CS consumptiuon values until December 2006; from 2007 on ME and RS as separate countries



Associate member

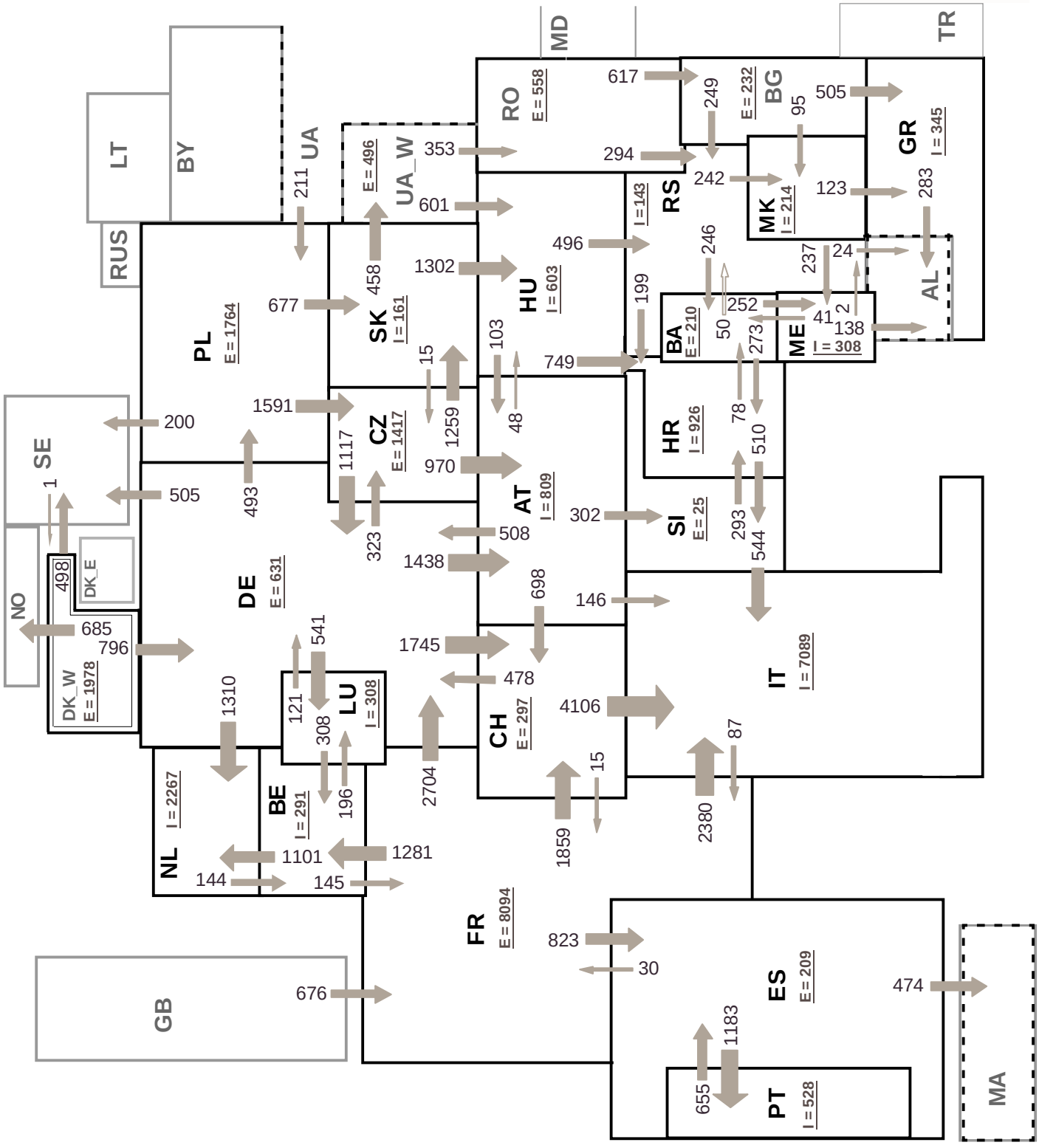
Synchronous operation with UCTE region

Sum of load flows in MW:

UCTE = 34926 MW

Total = 39407 MW

I = Import balance
E = Export balance



Associate member

Synchronous operation with UCTE region

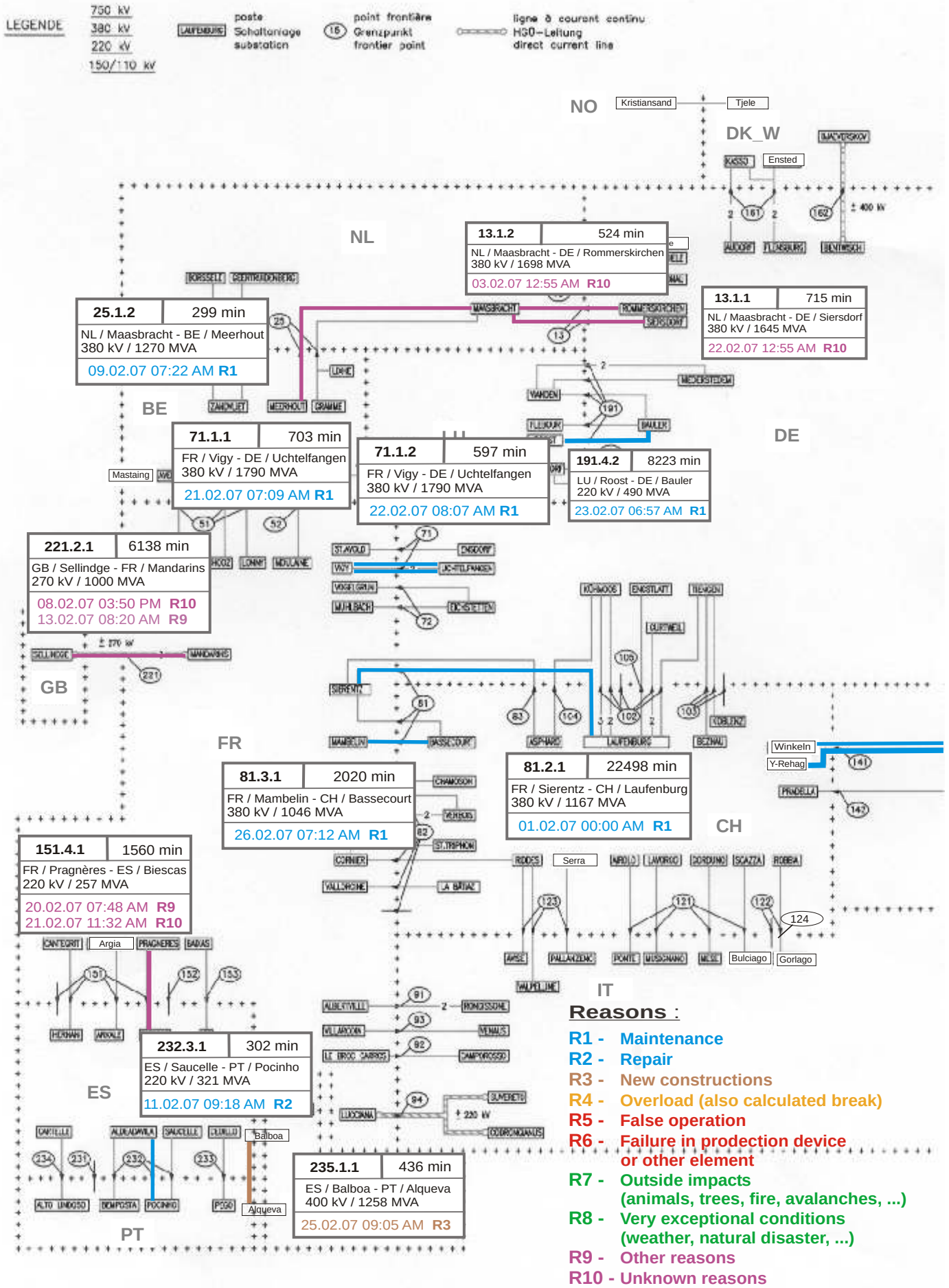
Sum of load flows in MW:

UCTE = 38297 MW

Total = 44200 MW

I = Import balance
E = Export balance

Unavailability of international tie lines
(major events with sum over 270 minutes)

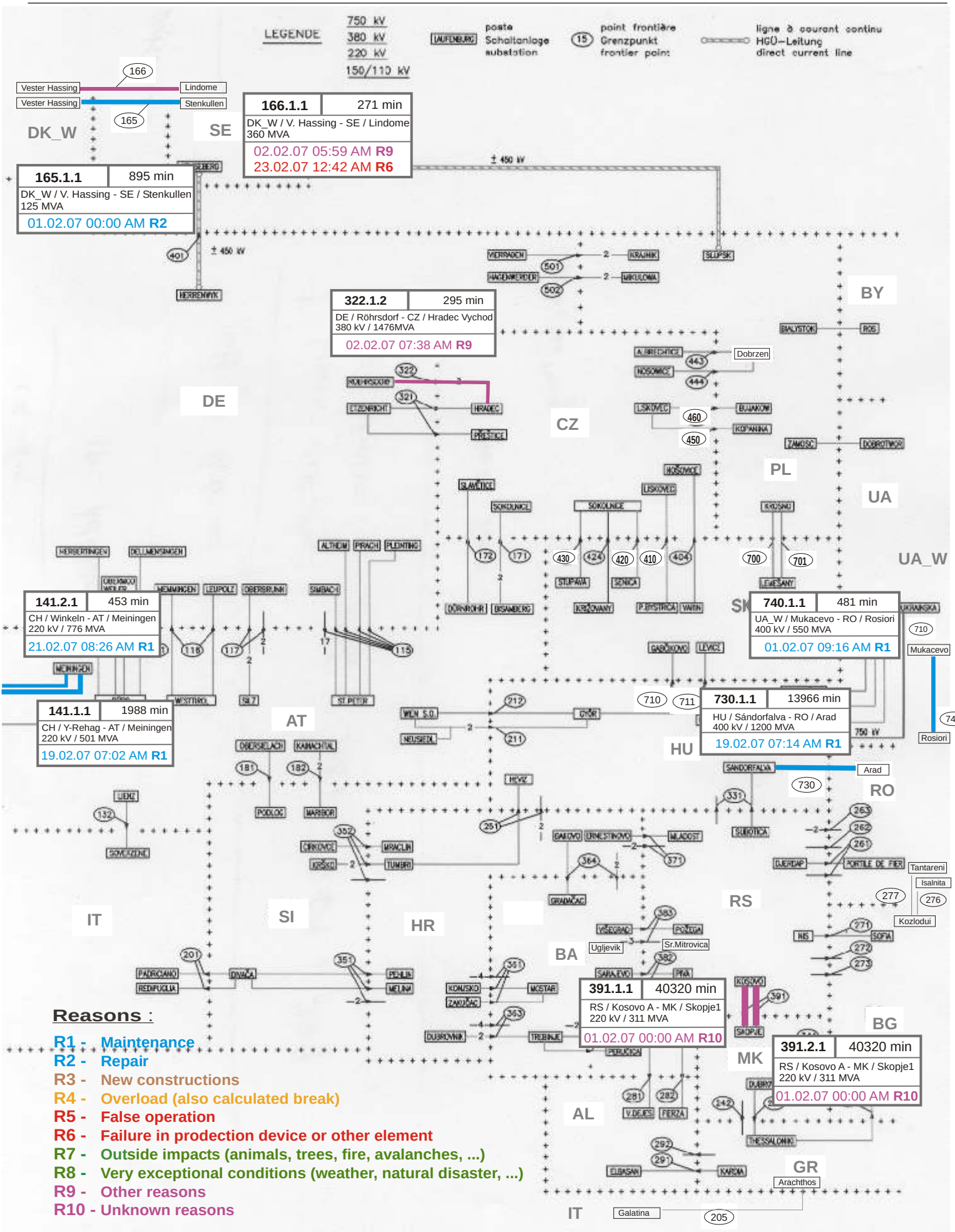


Reasons :

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

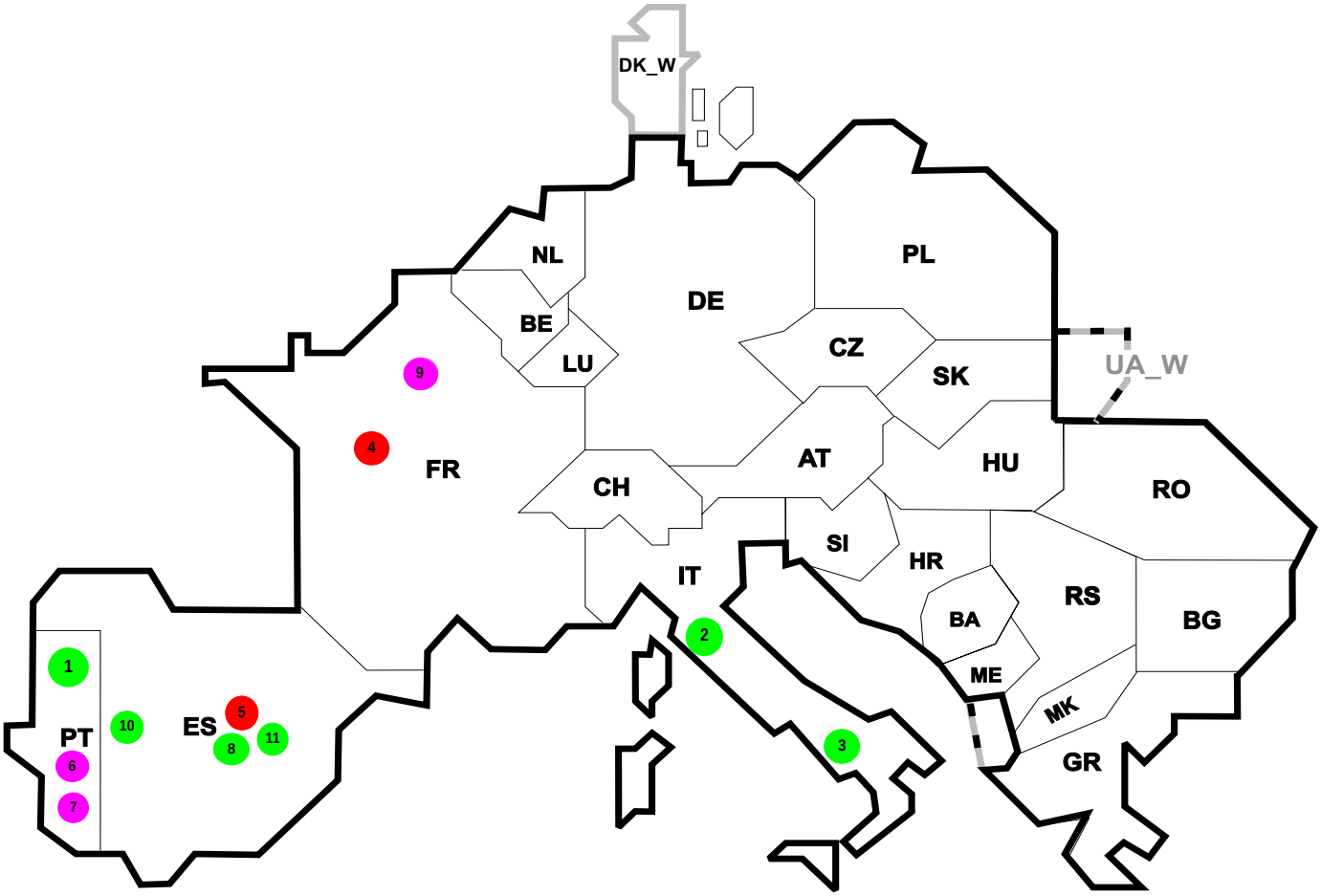
9 Unavailability of international tie lines (major events with sum over 270 minutes)

February 2007



Reasons :

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



Reasons:

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

No	Country	Substation	Reason	Energy not supplied[2] [MWh]	Total loss of power [MW]	Restoration time [min]	Equivalent time of interruption[1]
1	PT	Torro	R7	9	0	59	0,090
2	IT	Suvereto	R8	55	200	18	0,086
3	IT	Maddaloni	R8	37	17	130	0,057
4	FR	Eguzon	R6	19	18	129	0,021
5	ES	Sanchinarro	R5	5	0	10	0,010
6	PT	Paramo	R10	1	0	24	0,008
7	PT	Mogadouro	R10	0	0	41	0,005
8	ES	Majadahonda	R8	2	0	14	0,004
9	FR	Fallou	R10	2	50	6	0,003
10	ES	Caceres	R8	1	0	8	0,002
11	ES	Aena	R7	1	0	2	0,002

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

[2] Energy Not Supplied only related to the transmission grid, not including supply interruptions in lower voltage levels. A report with a detailed description of the events on 4 November 2006 to be found on www.ucte.org.

11 Scheduled exchanges in MWh

February 2007

Control area	Export Programs	Import Programs	Export Programs at 03:00	Import Programs at 03:00	Export Programs at 11:00	Import Programs at 11:00
AT	741404	888279	1854	855	1168	1268
BA	235244	180964	294	241	430	216
BE	472989	694132	209	52	1344	1505
BG	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
CH	2116811	2902315	1776	4528	3845	3547
CZ	1867534	665987	2691	824	3088	1611
DE	3169782	1448945	4047	2636	2996	3147
ES	1027017	810505	1598	1400	1182	1331
FR	6629052	1591995	9376	2404	9426	1233
GR	51594	340759	50	682	50	427
HR	47899	658217	93	1029	45	981
HU	1003618	1274082	1612	1793	1342	1945
IT	197744	4233562	335	5079	87	7176
ME	220	326	128	415	130	447
MK	0	144	142	318	147	376
NL	475849	1570302	1051	1707	326	2593
PL	731183	182191	1076	91	1800	215
PT	196279	636709	0	1600	0	1482
RO	443031	73077	528	60	635	97
RS	509134	654862	764	886	810	978
SI	484593	485639	630	619	782	733
SK	852790	771321	1277	940	1280	1316
DK_W	337549	816637	730	1425	0	2578
UA_W	302957	0	420	0	495	0

- Control areas can differ from national borders (i.e. German block which includes parts of AT, LU and DK).

- Values are calculated on an hourly base (MWh).

- This values are not the provisional values entered in the VULCANUS system, but the definitive values after an eventual correction during the actual date.

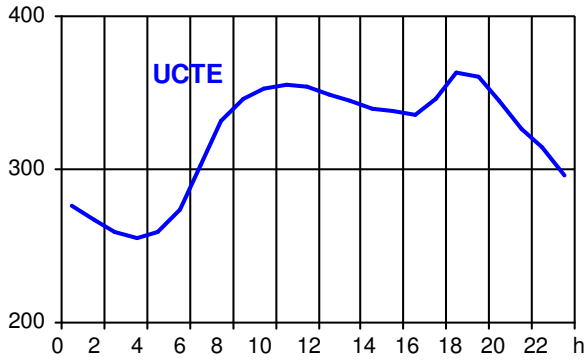
- Export Programs: Sum of all positive values of every hour of every border
- Import Programs: Sum of all negative values of every hour of every border

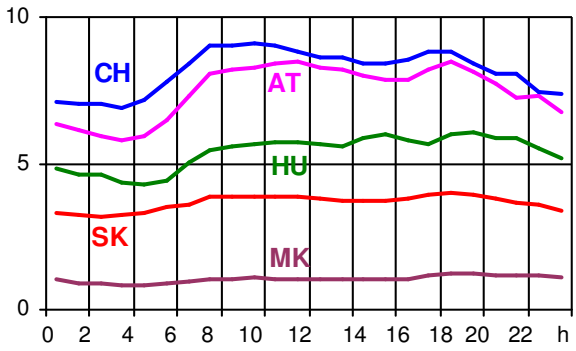
- Export Programs at 03:00: Sum of all positive values the third Wednesday from 02:00 to 03:00 a.m.
- Import Programs at 03:00: Sum of all negative values the third Wednesday from 02:00 to 03:00 a.m.

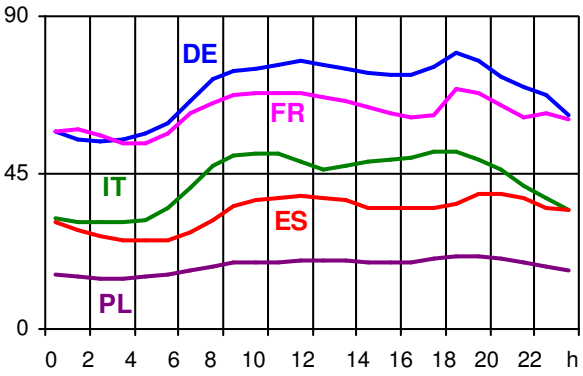
- Export Programs at 11:00: Sum of all positive values the third Wednesday from 10:00 to 11:00 a.m.
- Import Programs at 11:00: Sum of all negative values the third Wednesday from 10:00 to 11:00 a.m.

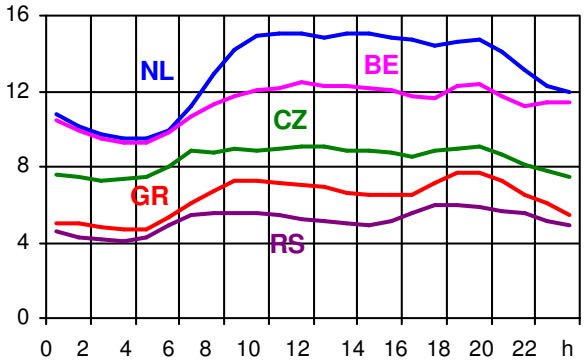
Consumption hourly load curves on 21.02.2007 CET

Values in GW

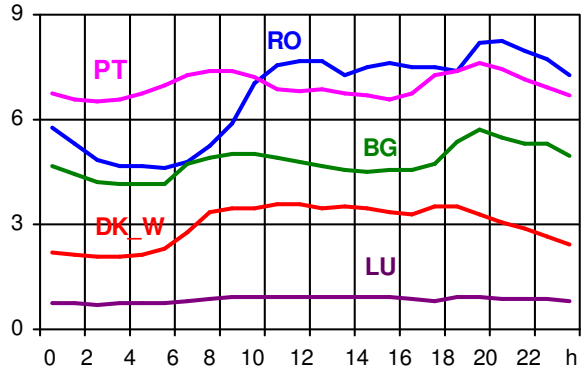


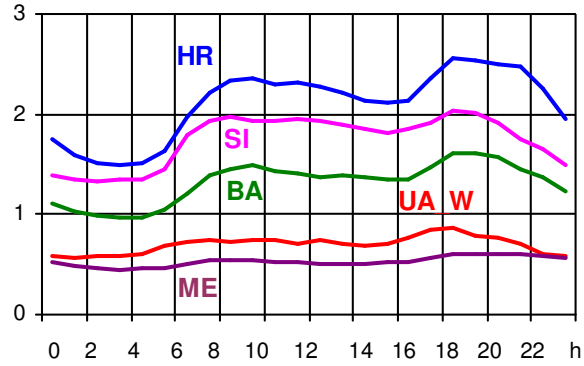






	Highest load MW	var.%[1]	Load representativity %
AT	8485	-4,8	100
BA	1618	-6,5	100
BE[2]	12457	-3,5	100
BG	5699	-10,1	100
CH	9131	-10,6	100
CZ	9079	-6,3	100
DE	79776	-1,2	91
ES	38812	1,6	98
FR	69366	-9,3	100
GR	7673	-6,1	100
HR	2549	-9,0	100
HU	6051	-1,3	100
IT	50834	-4,5	100
LU	934	0,8	100
ME	598	-	100
MK	1227	-17,3	100
NL	15051	-6,7	100
PL	20929	2,6	100
PT	8237	2,4	97
RO	7589	-1,7	100
RS	5967	-	100
SI	2033	-4,3	95
SK	4003	-4,2	100
UCTE	**362682**	-3,7	
DK_W	3573	1,9	100
UA_W	865	-8,4	100





[1] Variation as compared to corresponding month of the previous year

[2] The reported figures are best estimates based on actual measurements and extrapolations.

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