

Reasons:

R3 Overload

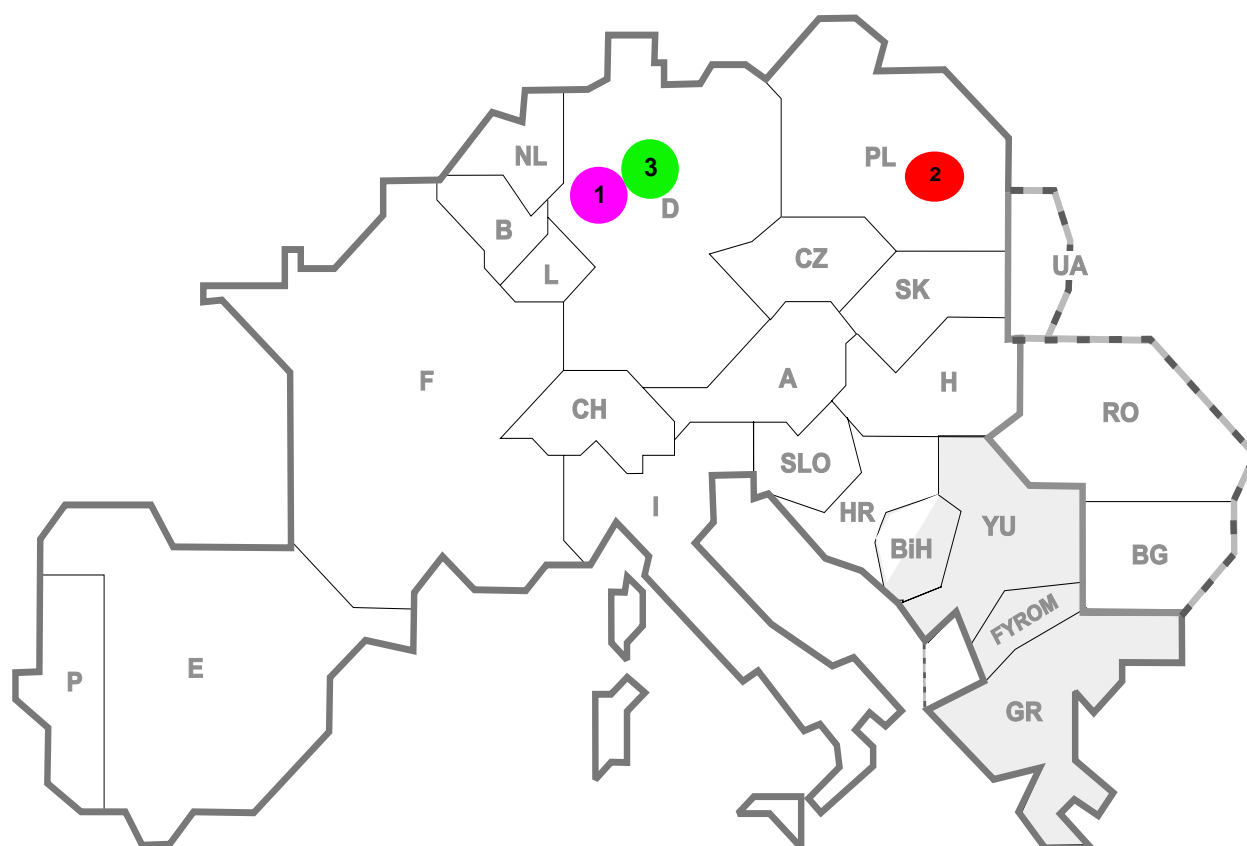
R4, R5, R6 Failure in the transmission network

R7, R8, R9 External impacts (animals...)

R10, R11 Other reasons

Nbr	Country	Substation	Reason	Energy not supplied [MWh]	Total loss of power [MW]	Restoration time [min]	Equivalent time of interruption ¹
1	PL	Starno	R6	546	600	82	2,33
2	GR	Pallini	R6	190	370	40	4,19
3	I	Scandale	R10	48	270	39	0,46
4	YU	Subotica	R4	40	0	10	0,00
5	E	Andujar	R11	16	0	12	0,00
6	B	Villeroux	R8	16	47	21	0,30
7	E	Ormaiztegui (Ichoaso)	R6	13	0	21	0,00
8	F	Mbulineaux	R5	13	38	46	0,05

¹ (year [in min] * power loss) / consumption last 12 months



Reasons:

R3 Overload

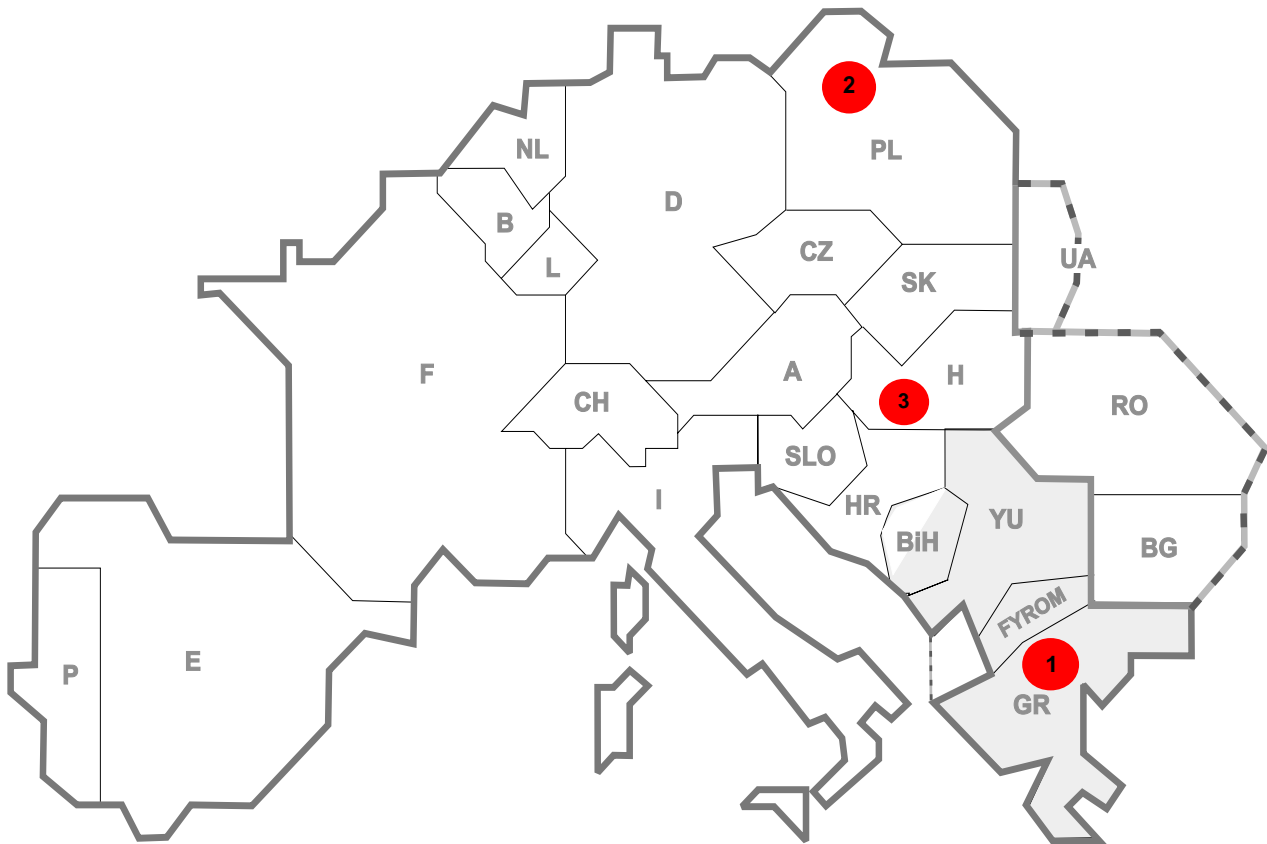
R4, R5, R6 Failure in the transmission network

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R10, R11 Other reasons

Nbr	Country	Substation	Reason	Energy not supplied [MWh]	Total loss of power [MW]	Restoration time [min]	Equivalent time of interruption ¹
1	D	Rommerskirchen	R11	758	278	165	0,30
2	PL	Staro	R6	240	600	48	2,35
3	D	Witten	R8	51	150	34	0,16

¹ (year [in min] * power loss) / consumption last 12 months



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R3 Overload

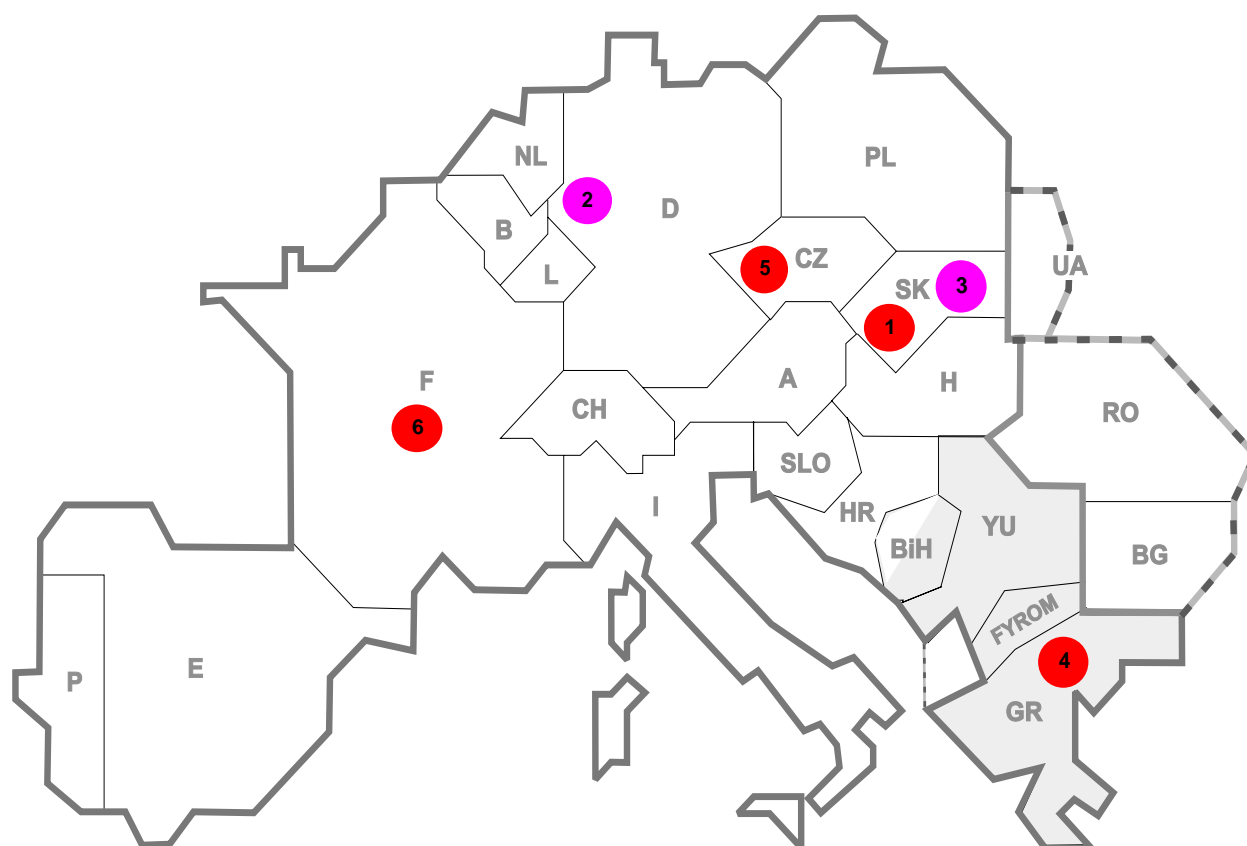
R4, R5, R6 Failure in the transmission network

R7, R8, R9 External impacts (animals...)

R10, R11 Other reasons

Nbr	Country	Substation	Reason	Energy not supplied [MWh]	Total loss of power [MW]	Restoration time [min]	Equivalent time of interruption ¹
1	GR	Ag.Demetrios	R5, R6	900	900	30	10,15
2	PL	Starno	R6	340	600	102	2,36
3	H	Sajoszöged	R5	150	150	60	2,14

¹ (year [in min] * power loss) / consumption last 12 months



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R7, R8, R9

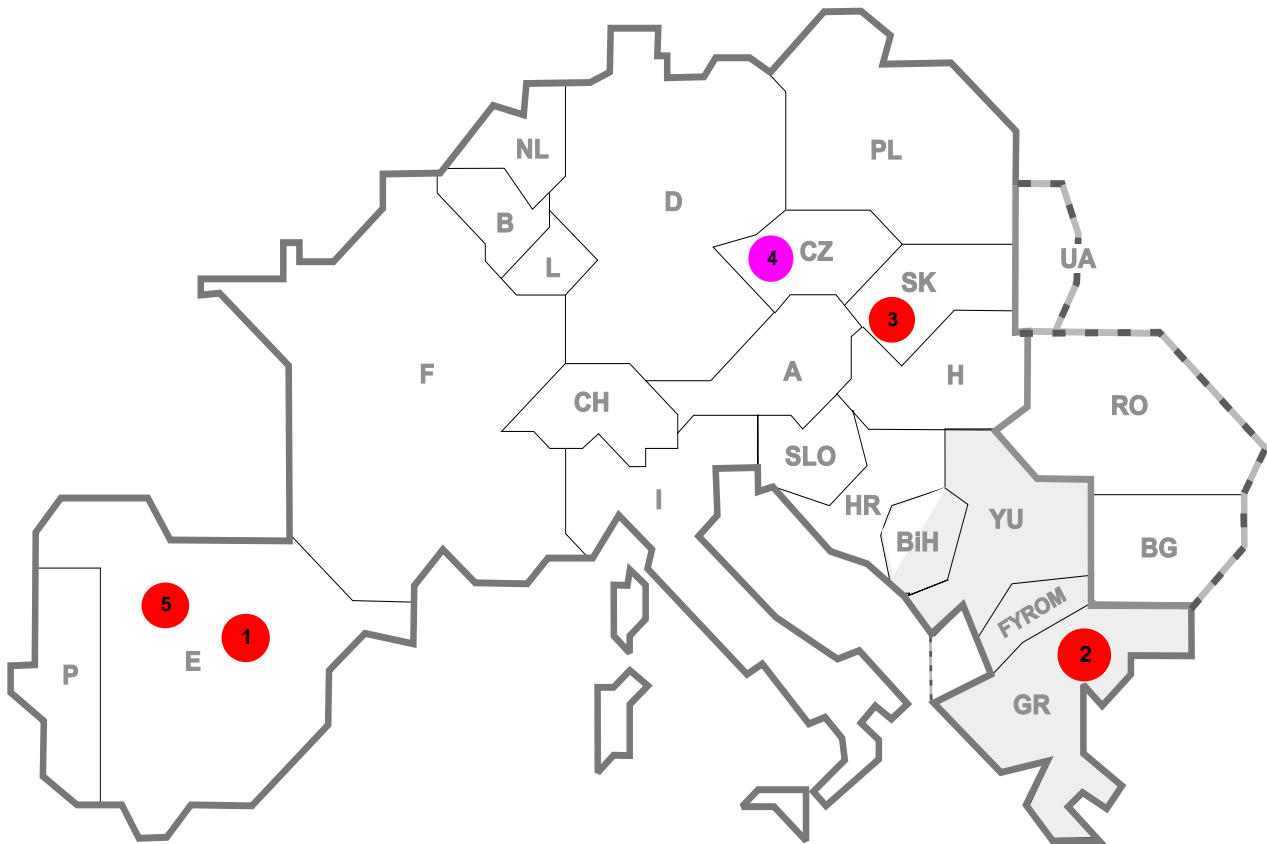
R10, R11

External impacts (animals...)

Other reasons

Nbr	Country	Substation	Reason	Energy not supplied [MWh]	Total loss of power [MW]	Restoration time [min]	Equivalent time of interruption ¹
1	SK	Bohunice (V1)	R5	3407	324	631	6,59
2	D	Weisweiler	R10	1409	278	304	0,30
3	SK	Gabcikovo	R10	238	197	70	4,01
4	GR	Ag.Demetrios	R6	225	900	15	10,08
5	CZ	Cechy Stred	R4	21	0	16	0,00
6	F	Pasquier	R6	10	146	8	0,18

¹ (year [in min] * power loss) / consumption last 12 months



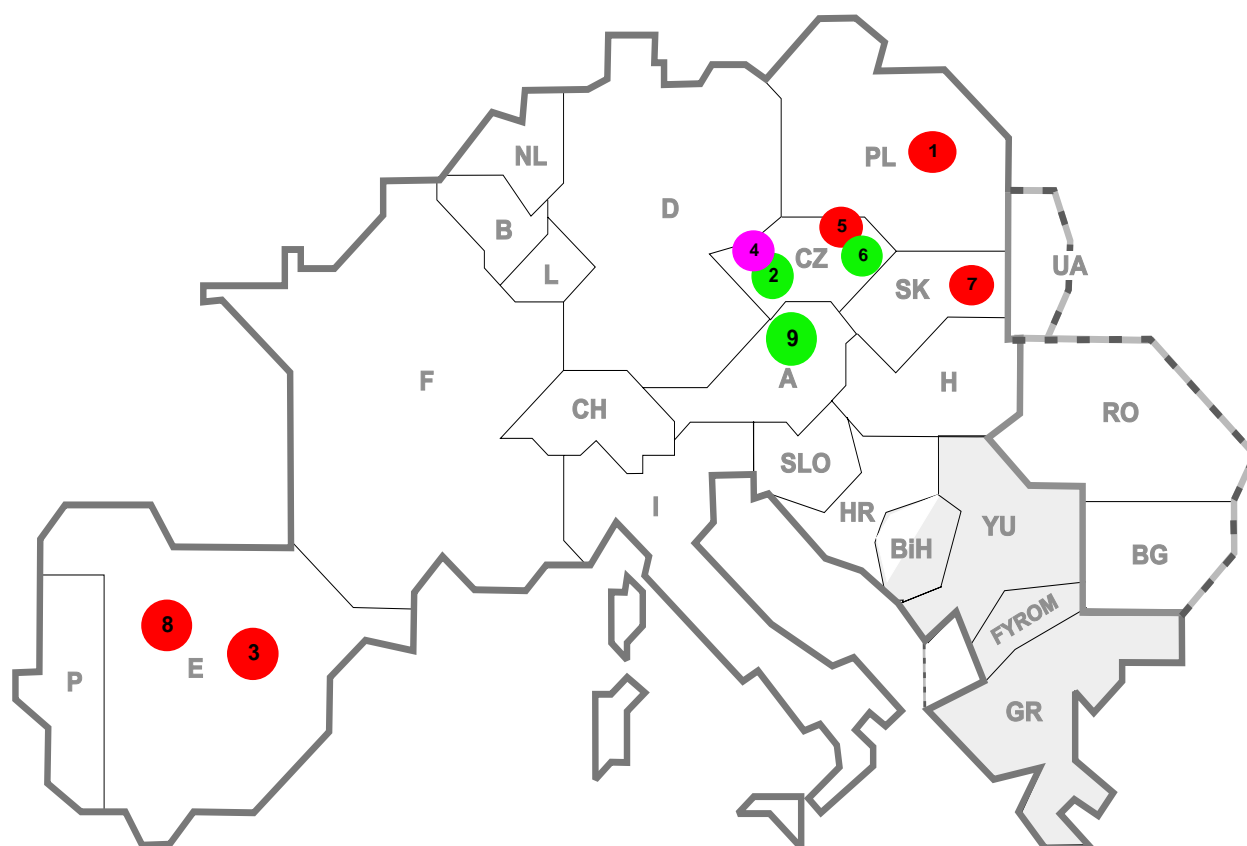
Reasons:

R3 Overload
 R4, R5, R6 Failure in the transmission network

R7, R8, R9 External impacts (animals...)
 R10, R11 Other reasons

Nbr	Country	Substation	Reason	Energy not supplied [MWh]	Total loss of power [MW]	Restoration time [min]	Equivalent time of interruption ¹
1	E	Zumarraga	R6	149	0	71	0,00
2	GR	Ag.Stefanos	R4	130	370	10	4,14
3	SK	Sucany	R6	46	75	23	1,52
4	CZ	Chotejovice	R10	45	123	236	1,11
5	E	Los Ramos	R5	18	0	9	0,00

¹ (year [in min] * power loss) / consumption last 12 months



Reasons:

R3 Overload

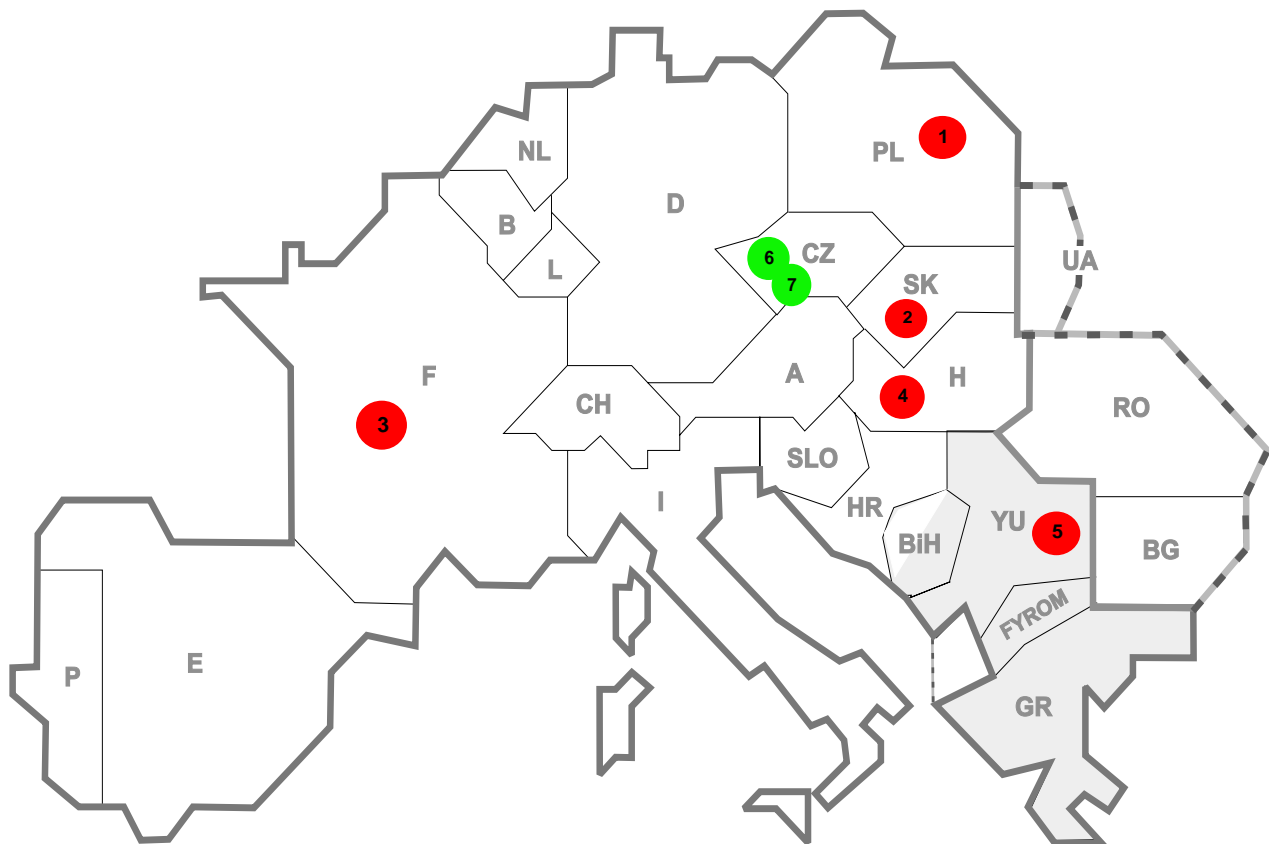
R4, R5, R6 Failure in the transmission network

R7, R8, R9 External impacts (animals...)

R10, R11 Other reasons

Nbr	Country	Substation	Reason	Energy not supplied [MWh]	Total loss of power [MW]	Restoration time [min]	Equivalent time of interruption ¹
1	PL	Slupsk	R6	130	600	26	2,37
2	CZ	Hradec	R8	85	294	93	2,65
3	E	Loeches	R6	58	0	19	0,00
4	CZ	Cechy Stred	R10	51	167	24	1,51
5	CZ	Mrovka	R6	37	0	20	0,00
6	CZ	Tynec	R8	36	0	19	0,00
7	SK	Sucany	R6	34	218	44	4,42
8	E	Tordesillas	R6	29	0	20	0,00
9	A	St. Peter	R7	26	0	1486	0,00

¹ (year [in min] * power loss) / consumption last 12 months



Reasons:

R3 Overload

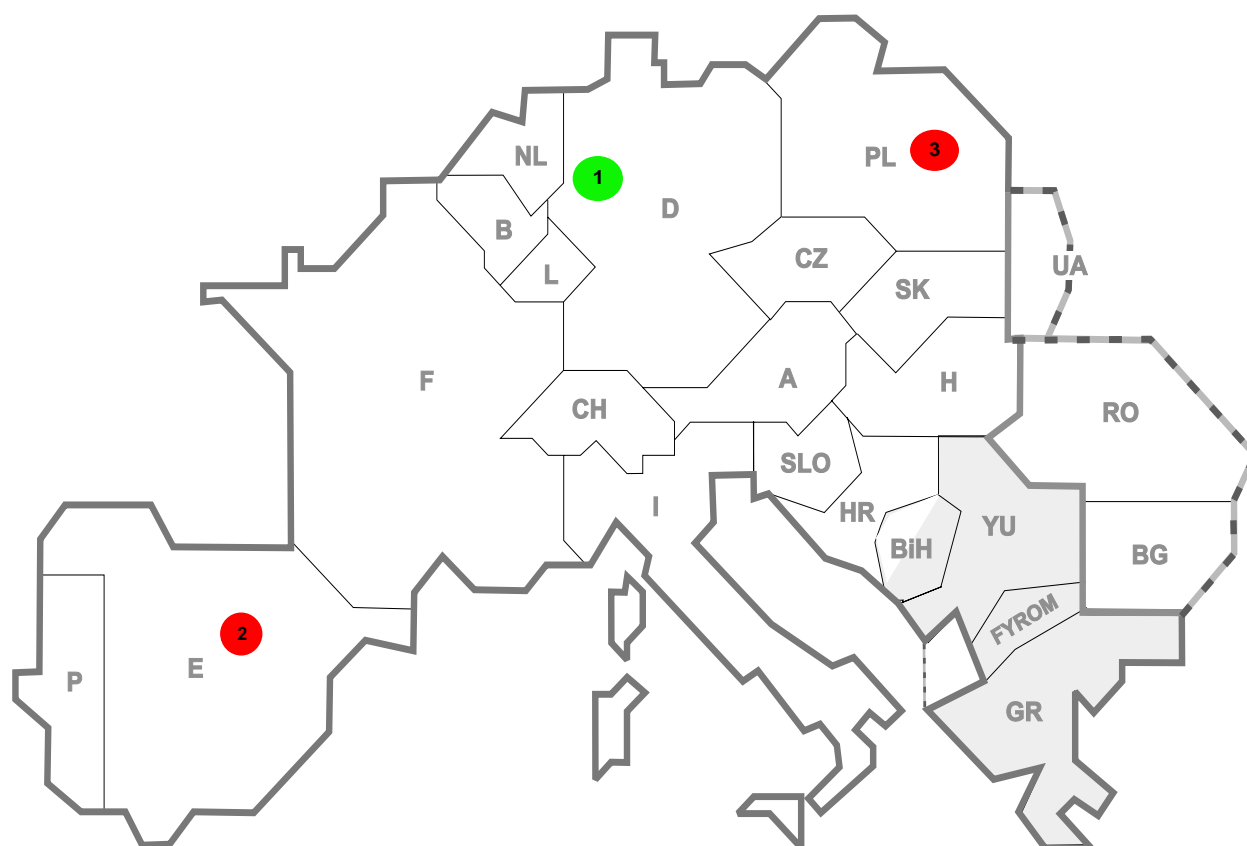
R4, R5, R6 Failure in the transmission network

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R10, R11 Other reasons

Nbr	Country	Substation	Reason	Energy not supplied [MWh]	Total loss of power [MW]	Restoration time [min]	Equivalent time of interruption ¹
1	PL	Slupsk	R6	347	1673	514	6,61
2	SK	L. Mara	R6	237	185	2	3,74
3	F	Villevaude	R4	105	460	27	0,55
4	H	Paks	R5	42	43	45	0,61
5	YU	Subotica	R4	35	0	9	0,00
6	CZ	Sokolnice	R8	14	0	8	0,00
7	CZ	Krasikov	R8	13	0	8	0,00

¹ (year [in min] * power loss) / consumption last 12 months



Reasons:

R3 Overload

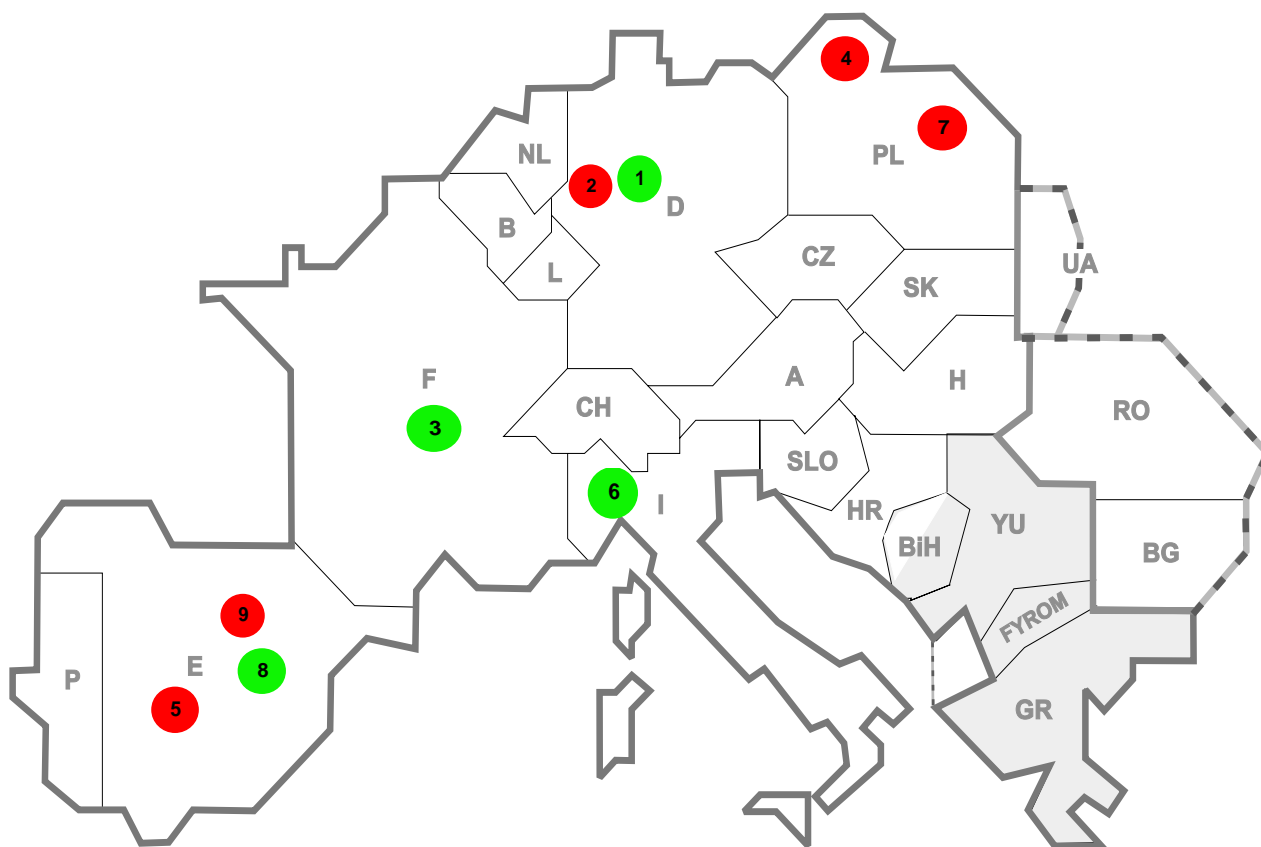
R4, R5, R6 Failure in the transmission network

R7, R8, R9 External impacts (animals...)

R10, R11 Other reasons

Nbr	Country	Substation	Reason	Energy not supplied [MWh]	Total loss of power [MW]	Restoration time [min]	Equivalent time of interruption ¹
1	D	Gersteinwerk	R8	1200	610	118	0,65
2	E	Badalona	R6	398	0	43	0,00
3	PL	Slupsk	R6	105	473	21	1,87

¹ (year [in min] * power loss) / consumption last 12 months



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R3 Overload

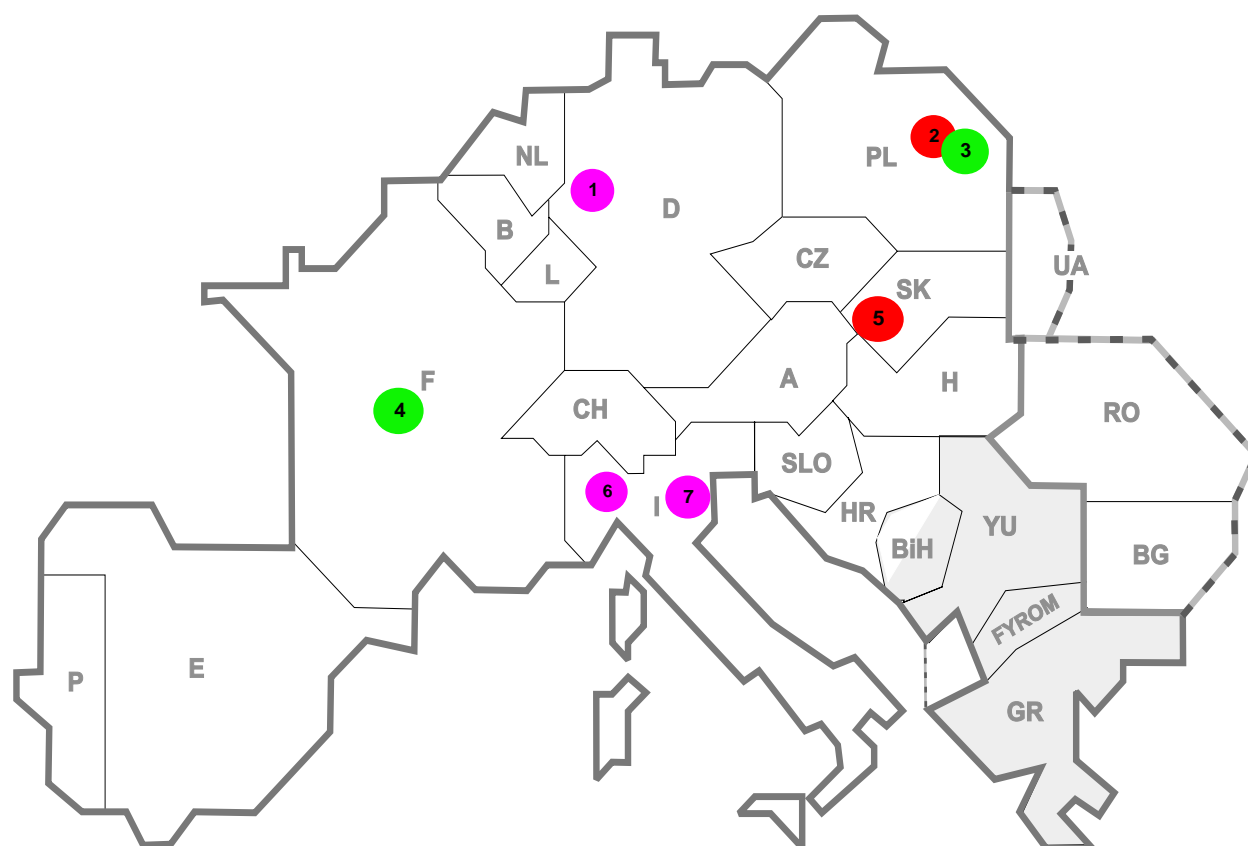
R4, R5, R6 Failure in the transmission network

R7, R8, R9 External impacts (animals...)

R10, R11 Other reasons

Nbr	Country	Substation	Reason	Energy not supplied [MWh]	Total loss of power [MW]	Restoration time [min]	Equivalent time of interruption ¹
1	D	Knepper	R7	352	320	66	0,34
2	D	Neurath	R4	257	615	25	0,65
3	F	Cern	R7	133	120	77	0,14
4	PL	Starno	R6	123	473	37	1,87
5	E	Begues	R6	43	0	2	0,00
6	I	Biella	R7	31	27	70	0,05
7	PL	Adanow	R4	21	120	81	0,47
8	E	Meson	R8	19	0	10	0,00
9	E	Mbrata	R6	17	0	32	0,00

¹ (year [in min] * power loss) / consumption last 12 months



Reasons:

R3 Overload

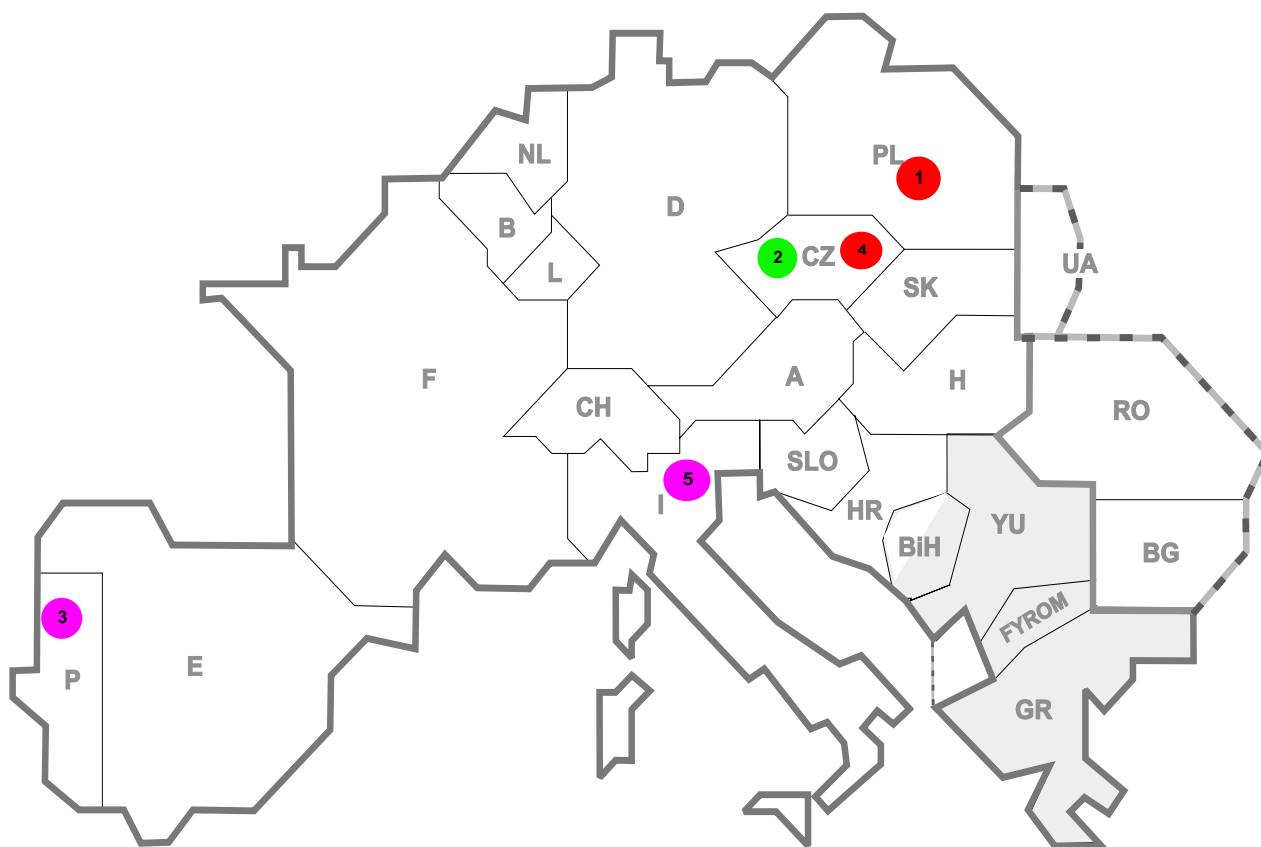
R7, R8, R9 External impacts (animals...)

R4, R5, R6 Failure in the transmission network

R10, R11 Other reasons

Nbr	Country	Substation	Reason	Energy not supplied [MWh]	Total loss of power [MW]	Restoration time [min]	Equivalent time of interruption ¹
1	D	Frimmersdorf	R10	1344	284	73	0,30
2	PL	Slupsk	R6	600	100	882	0,39
3	PL	Slupsk	R9	600	200	32126	0,79
4	F	Grande Synthe	R8	418	77	998	0,09
5	SK	Medzibrod	R5	58	116	2	2,33
6	I	Corricio	R10	48	160	71	0,27
7	I	Partinico	R10	12	117	6	0,20

¹ (year [in min] * power loss) / consumption last 12 months



Reasons:

R3

Overload

R7, R8, R9

External impacts (animals...)

R4, R5, R6

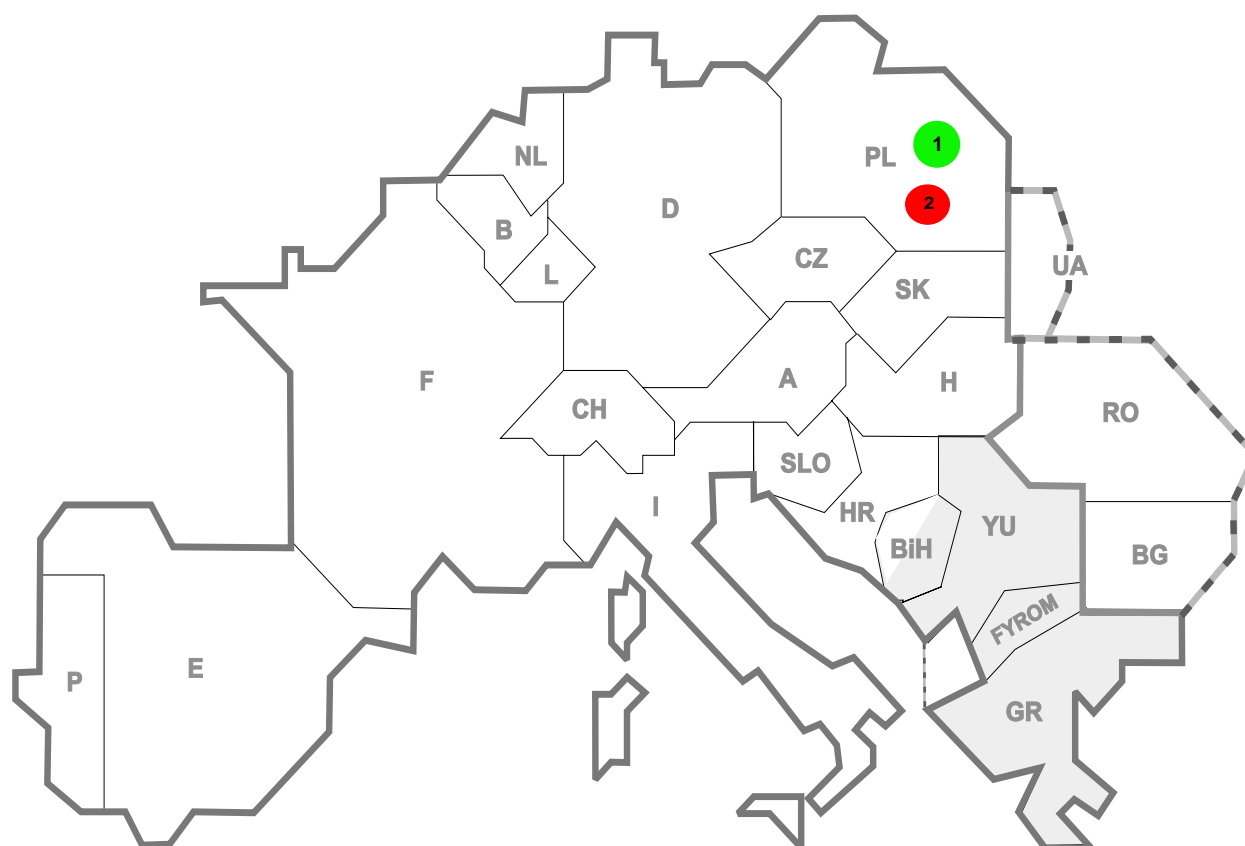
Failure in the transmission network

R10, R11

Other reasons

Nbr	Country	Substation	Reason	Energy not supplied [MWh]	Total loss of power [MW]	Restoration time [min]	Equivalent time of interruption ¹
1	PL	Dobrzeń	R4	380	756	26	2,98
2	CZ	Nosovice	R7	70	0	60	0,00
3	P	Vermoin	R10	46	0	7	0,00
4	CZ	Tynec	R4	37	603	63	5,42
5	I	Castelluccia	R10	10	38	39	0,06

¹ (year [in min] * power loss) / consumption last 12 months



Reasons:

R3 Overload

R7, R8, R9

External impacts (animals...)

R4, R5, R6 Failure in the transmission network

R10, R11

Other reasons

Nbr	Country	Substation	Reason	Energy not supplied [MWh]	Total loss of power [MW]	Restoration time [min]	Equivalent time of interruption ¹
1	PL	Slupsk	R8	733	500	88	1,96
2	PL	Polaniec	R6	540	140	233	0,55

¹ (year [in min] * power loss) / consumption last 12 months

Inventory										
Country	Conventional thermal units						Nuclear thermal units			
	10 MW ≤ x < 200 MW		200 MW ≤ x < 400 MW		≥ 400 MW		Total		Number	MW
	Number	MW	Number	MW	Number	MW	Number	MW		
B	73	3209	11	3335	3	1380	87	7924	7	5713
D ¹	403	23572	66	20178	47	27749	516	71499	20	22246
E	319	9817	34	10695	10	5345	363	25857	9	7488
F	167	5385	31	7668	16	9640	214	22693	59	63183
GR	18	1854	16	4443	0	0	34	6297	0	0
I	1066	17532	64	18820	27	16196	1157	52548	0	0
SLO	2	267	1	312	1	662	4	1241	1	670
HR ¹	14	1126	1	303	0	0	15	1429	0	0
JIEL ²	27	2585	11	3008	2	1160	40	6753	0	0
L	0	0	1	385	0	0	1	385	0	0
NL	95	3887	19	5783	13	7367	127	17037	1	449
A	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	0	0
P	19	1142	13	3712	0	0	32	4854	0	0
CH	16	273	0	0	0	0	16	273	5	3200
CZ	168	9552	0	0	1	460	169	10012	4	1637
H	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
PL	241	11323	79	19121	2	1095	322	31539	0	0
SK	24	2068	1	218	0	0	25	2286	6	2640
UCTE	2652	93592	348	97981	122	71054	3122	262627	112	107226

¹ Values conventional thermal units as of December 31, 2000

² JIEL = FRY + FYROM (Federal Republic of Yugoslavia and former Yugoslav Republic of Macedonia)

Country	Commissioning				Decommissioning			
	Tc		Tn		Tc		Tn	
	Number	MW	Number	MW	Number	MW	Number	MW
B	1	385	0	0	6	400	0	0
D	n.a.	n.a.	0	67	n.a.	n.a.	0	0
E	58	1274	0	0	0	0	0	0
F	9	333	0	0	4	105	0	0
GR	0	0	0	0	2	27	0	0
I	10	936	0	0	0	0	0	0
SLO	0	0	0	0	0	0	0	0
HR	0	0	0	0	0	0	0	0
JIEL ¹	0	0	0	0	0	0	0	0
L	1	385	0	0	0	0	0	0
NL	0	0	0	0	0	0	0	0
A	n.a.	n.a.	0	0	n.a.	n.a.	0	0
P	n.a.	n.a.	0	0	n.a.	n.a.	0	0
CH	0	0	0	0	0	0	0	0
CZ	0	0	0	0	0	0	0	0
H	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
PL	n.a.	n.a.	0	0	n.a.	n.a.	0	0
SK	0	0	0	0	0	0	0	0
UCTE	79	3313	0	67	12	532	0	0

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

Inventory of hydro power units										
Country	1 MW ≤ x < 10 MW		10 MW ≤ x < 50 MW		50 MW ≤ x < 100 MW		≥ 100 MW		Total	
	Number	MW	Number	MW	Number	MW	Number	MW	Number	MW
B	47	86	5	164	0	0	6	1164	58	1414
D ¹	234	898	78	1648	14	1026	15	4841	341	8413
E	431	1394	128	2884	38	2583	40	10779	637	17640
F	187	880	170	4170	41	3027	58	16012	456	24089
GR	6	31	3	63	2	120	11	2846	22	3060
I	542	1795	231	5371	29	1913	39	10900	841	19979
SLO	2	18	8	222	5	296	2	242	17	778
HR	13	30	7	224	5	390	5	1431	30	2075
JIEL ⁴	6	45	20	1251	3	583	3	2014	32	3893
L	3	20	1	11	0	0	1	1096	5	1127
NL	0	0	3	35	0	0	0	0	3	35
A ²	161	475	99	2346	19	1389	26	6698	305	10908
P	12	45	14	322	6	421	15	3394	47	4182
CH	173	603	102	2441	39	2586	37	7527	351	13157
CZ	46	135	7	168	0	0	5	1711	58	2014
H ²	9	44	0	0	0	0	0	0	9	44
PL ³	54	1157	5	90	3	228	5	1669	67	3144
SK	29	179	36	734	10	820	6	734	81	2467
UCTE	1955	7835	917	22144	214	15382	274	73058	3360	118419

¹ Values as of December 31, 2000

² Values as of December 31, 1999

³ Data for hydro power plants and not for hydro power units

⁴ JIEL = FRY + FYROM (Federal Republic of Yugoslavia and former Yugoslav Republic of Macedonia)

Country	Commissioning		Decommissioning	
	Number	MW	Number	MW
B	0	0	0	0
D	n.a.	n.a.	n.a.	n.a.
E	9	27	0	0
F	1	8	1	2
GR	0	0	0	0
I	29	268	5	325
SLO	0	0	0	0
HR	0	0	0	0
JIEL ¹	0	0	0	0
L	0	0	0	0
NL	0	0	0	0
A	n.a.	n.a.	n.a.	n.a.
P	1	12	0	0
CH	0	0	0	0
CZ	0	0	0	0
H	n.a.	n.a.	n.a.	n.a.
PL	n.a.	n.a.	n.a.	n.a.
SK	0	0	0	0
UCTE	40	315	6	327

¹ JIEL = FRY + FYROM

(Federal Republic of Yugoslavia and former Yugoslav Republic of Macedonia)