

Availability of Nuclear Power Plant of the year 2018

Power Plant	Country	Type	Nominal- capacity (net)	Energy generated (net)	Time Avail- ability	Time Utili- sation	Energy Avail- ability (*)	Energy Unavailability *)			Energy Utili- sation (*)
								planned **)	unplanned ***)		
									postponable	not postponable	
MW	GWh	%	%	%	%	%	%	%			
GKN-II Neckar	DE	PWR	1,400	9,703.7	81.35	81.29	81.00	5.81	0.17	13.03	79.29
KBR Brokdorf	DE	PWR	1,480	10,375.8	90.60	90.60	84.72	13.70	0.27	1.32	79.65
KKE Emsland	DE	PWR	1,406	11,495.7	94.78	94.78	94.67	4.82	0.02	0.49	93.33
KKI-2 Isar	DE	PWR	1,485	12,127.5	95.46	95.46	95.24	3.79	0.19	0.78	92.92
KKP-2 Philippsburg	DE	PWR	1,468	10,993.6	90.63	90.63	90.47	9.37	0.00	0.16	84.05
KRB-C Gundremmingen	DE	BWR	1,344	10,361.9	90.41	90.41	89.85	7.89	0.00	2.26	87.51
KWG Grohnde	DE	PWR	1,430	10,946.6	92.82	92.82	91.61	6.47	0.13	1.79	86.79
OL1 Olkiluoto	FI	BWR	910	7,001.0	88.25	88.25	87.24	11.72	0.18	0.86	87.82
OL2 Olkiluoto	FI	BWR	920	7,597.4	95.31	95.31	94.58	3.91	0.42	1.08	94.27
KCB Borssele	NL	PWR	512	3,514.8	79.32	79.60	79.00	8.92	4.57	7.51	78.49
KKB 1 Beznau	CH	PWR	380	2,588.0	78.73	78.73	79.11	0.00	0.00	21.74	77.75
KKB 2 Beznau	CH	PWR	380	3,185.5	96.40	96.40	96.42	3.72	0.00	0.00	95.70
KKG Gösgen	CH	PWR	1,060	8,680.9	94.10	94.10	93.77	6.23	0.00	0.00	93.49
KKM Muehleberg	CH	BWR	390	3,066.2	92.84	92.84	92.01	7.59	0.09	0.31	89.75
CNT-I Trillo	ES	PWR	1,066	8,267.2	89.51	89.51	89.26	10.63	0.00	0.11	88.00
Dukovany B1	CZ	PWR	500	3,599.0	83.36	83.36	82.84	15.18	0.00	1.98	82.17
Dukovany B2	CZ	PWR	500	3,611.6	84.01	84.01	83.55	14.92	0.00	1.53	82.46
Dukovany B3	CZ	PWR	500	3,875.6	90.72	90.72	90.37	6.75	0.00	2.88	88.48
Dukovany B4	CZ	PWR	500	3,171.5	74.18	74.18	72.99	18.02	0.00	8.99	72.41
Temelin B1	CZ	PWR	1,081	7,879.7	83.58	83.58	83.33	16.56	0.00	0.10	83.18
Temelin B2	CZ	PWR	1,081	7,782.6	82.29	82.29	82.14	16.78	0.00	1.08	82.21
Doel 1	BE	PWR	454	1,229.7	30.83	30.83	30.81	68.04	0.00	1.15	30.91
Doel 2	BE	PWR	454	1,549.7	38.82	38.82	38.70	61.21	0.00	0.09	38.89
Doel 3	BE	PWR	1,056	3,963.3	42.82	42.82	42.19	0.53	0.00	57.28	42.62
Doel 4	BE	PWR	1,086	5,827.6	62.54	62.54	60.98	35.90	0.00	3.12	60.65
Tihange 1	BE	PWR	1,009	7,992.0	91.59	91.59	91.05	8.59	0.26	0.10	90.59
Tihange 2	BE	PWR	1,055	5,702.4	62.33	62.33	61.67	20.46	0.11	17.76	62.04
Tihange 3	BE	PWR	1,089	2,332.4	24.40	24.40	24.37	12.19	0.00	63.44	24.43

BWR: Boiling water reactor

PWR: Pressurized Water Reactor

as at 01.02.2019

*** Net based values (Czech and Swiss nuclear power plants [KKL, KKG, KKM] gross-based)

*** planned: the beginning and duration of unavailability have to be determined more than 4 weeks before commencement

*** unplanned: the beginning of unavailability cannot be postponed or only within 4 weeks. The French nuclear power plants do not differentiate between postponable and not postponable.

All values were entered in the column not postponable.

- postponable: the beginning of unavailability can be postponed more than 12 hours to 4 weeks
- not postponable: the beginning of unavailability cannot be postponed or only within 12 hours