

OPERATING RESULTS OF NUCLEAR POWER PLANTS - July 2021

Nuclear Power Plant	Country	Type	Nominal Capacity		Operating Time (generator) h	Energy generated (gross generation) MWh			Time availability %		Unit Capability Factor % *)		Energy unavailability % *)						Energy utilization % *)		Remarks
			gross MW	net MW		month	year ¹⁾	since commission- ing	month	year ¹⁾	month	year ¹⁾	planned **)		unplanned ***)				month	year ¹⁾	
													month	year ¹⁾	postponable		not postponable				
			month	year ¹⁾		month	year ¹⁾	month	year ¹⁾	month	year ¹⁾										
GKN-II Neckar	DE	PWR	1400	1310	539	727 270	6 063 720	357 415 264	72,38	86,84	72,38	86,82	27,62	13,18	0	0	0	0	69,93	85,33	1,2,4
KBR Brokdorf	DE	PWR	1480	1410	744	1 040 747	7 032 265	378 295 594	100,00	100,00	99,64	99,92	0,12	0,05	0	0	0,24	0,04	94,21	93,19	-
KKE Emsland	DE	PWR	1406	1335	744	1 007 106	6 474 751	375 485 452	100,00	92,15	100,00	92,02	0	7,98	0	0	0	0	96,20	90,56	-
KKI-2 Isar	DE	PWR	1485	1410	744	1 058 590	7 357 319	384 786 362	100,00	100,00	99,97	99,99	0,02	0,01	0,01	0	0	0	95,39	97,06	-
KRB-C Gundremmingen	DE	BWR	1344	1288	744	983 282	6 807 442	357 285 208	100,00	100,00	100,00	99,65	0	0,35	0	0	0	0	97,52	98,85	-
KWG Grohnde	DE	PWR	1430	1360	744	1 011 906	6 057 299	404 817 648	100,00	87,44	99,97	87,11	0,03	12,80	0	0,08	0	0,01	94,54	82,81	-

BWR: Boiling water reactor

PWR: Pressurized Water Reactor

as at 06.09.2021

¹⁾ since beginning of the year

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

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			month	year ¹⁾		month	year ¹⁾	month	year ¹⁾	month	year ¹⁾										
OL1 Olkiluoto	FI	BWR	920	890	744	675 009	4 274 075	281 308 792	100,00	92,43	100,00	91,22	0	8,48	0	0,30	0	0	98,62	91,33	-
OL2 Olkiluoto	FI	BWR	920	890	744	667 969	3 908 343	270 811 065	100,00	83,91	99,61	83,43	0	15,66	0,39	0,91	0	0,01	97,59	83,51	-
KCB Borssele	NL	PWR	512	484	735	348 976	2 020 948	174 089 745	94,00	78,85	94,03	-49	0	6,11	0	0	5,97	142,41	91,35	77,57	1
KKB 1 Beznau	CH	PWR	380	365	744	277 593	1 808 997	135 020 383	100,00	93,89	100,00	93,47	0	6,39	0	0	0	0,14	98,14	93,51	7
KKB 2 Beznau	CH	PWR	380	365	744	276 265	1 922 699	142 299 000	100,00	100,00	100,00	100,00	0	0	0	0	0	97,68	99,48	7	
KKG Gösgen	CH	PWR	1060	1010	744	774 841	4 448 202	335 334 791	100,00	94,67	99,91	82,38	0,09	16,57	0	1,05	0	0	98,25	82,49	7
CNT-I Trillo	ES	PWR	1066	1003	744	779 046	4 063 296	268 087 144	100,00	76,69	100,00	75,98	0	14,00	0	0	0	10,02	97,32	74,41	-
Dukovany B1	CZ	PWR	500	473	744	359 263	1 998 118	121 642 557	100,00	80,36	100,00	79,62	0	3,38	0	0	0	17,00	96,58	78,56	-
Dukovany B2	CZ	PWR	500	473	744	355 040	2 495 518	117 107 433	100,00	100,00	100,00	99,87	0	0,13	0	0	0	0	95,44	98,11	-
Dukovany B3	CZ	PWR	500	473	458	196 070	1 928 043	115 288 600	61,56	78,57	54,54	77,32	25,71	19,79	0	0	19,74	2,89	52,71	75,80	-
Dukovany B4	CZ	PWR	500	473	744	361 452	1 851 720	116 417 621	100,00	74,31	99,15	73,60	0,85	23,08	0	0	0	3,32	97,16	72,80	-
Temelin B1	CZ	PWR	1082	1032	744	803 159	4 000 384	133 571 674	100,00	73,34	99,96	72,53	0,04	26,95	0	0	0	0,52	99,77	72,68	-
Temelin B2	CZ	PWR	1086	1036	0	0	4 559 781	130 148 685	0	82,07	0	81,74	100,00	14,63	0	0	0	3,63	0	82,54	-
Doel 1	BE	PWR	467	445	744	342 458	2 042 436	142 056 277	100,00	85,94	99,92	85,28	0,02	13,94	0	0	0,06	0,79	98,60	86,14	-
Doel 2	BE	PWR	467	445	681	304 498	1 956 341	140 566 406	91,55	83,12	88,79	82,20	0,02	16,16	0	0	11,19	1,64	87,34	82,19	-
Doel 3	BE	PWR	1056	1006	744	763 114	5 335 922	276 548 232	100,00	99,45	100,00	99,09	0	0,65	0	0	0	0,26	96,29	98,72	-
Doel 4	BE	PWR	1086	1038	744	799 060	5 539 882	282 899 871	100,00	100,00	100,00	100,00	0	0	0	0	0	0	97,42	98,92	-
Tihange 1	BE	PWR	1009	962	744	736 020	5 101 732	312 968 707	100,00	100,00	99,77	99,62	0,04	0,01	0	0	0,19	0,37	98,35	99,62	-
Tihange 2	BE	PWR	1055	1008	744	762 548	4 118 827	269 822 643	100,00	81,81	99,34	77,32	0,07	1,30	0	7,10	0,60	14,28	97,98	77,32	-
Tihange 3	BE	PWR	1089	1038	744	790 300	5 460 436	292 114 095	100,00	100,00	99,88	99,96	0,12	0,03	0	0	0	0	98,02	99,09	-

BWR: Boiling water reactor

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as at 06.09.2021

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

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Remarks

- 1) Refuelling
- 2) Inspection
- 3) Repair
- 4) Stretch-out operation
- 5) Stretch-in operation
- 6) Hereof traction supply:
- 7) Hereof steam supply:

KKB 1 Beznau		
Month:		460 MWh
Since the beginning of the year:		13.348 MWh
Since commissioning:		580.330 MWh
KKB 2 Beznau		
Month:		0 MWh
Since the beginning of the year:		1.355 MWh
Since commissioning:		136.109 MWh
KKG Gösgen		
Month:		7.330 MWh
Since the beginning of the year:		44.332 MWh
Since commissioning:		2.511.259 MWh

8) New nominal capacity since January 2021