

Unavailability of nuclear power stations, 1996-2000

Jean-Marie LEFEBVRE

Statistics
in focus

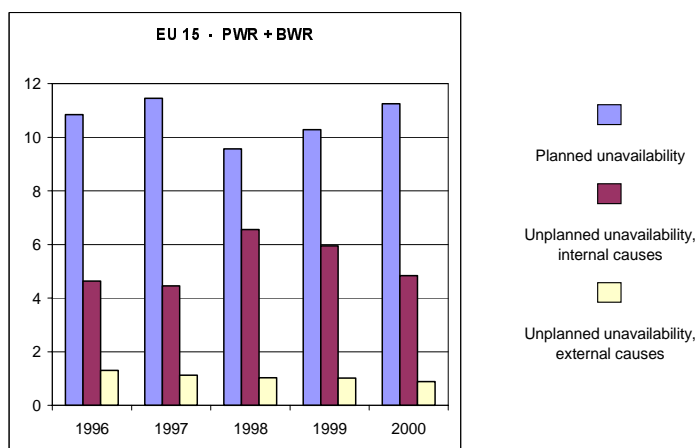
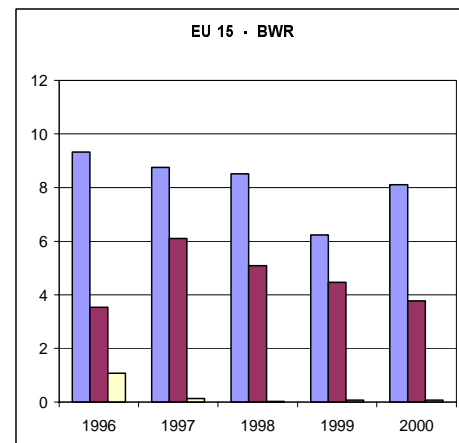
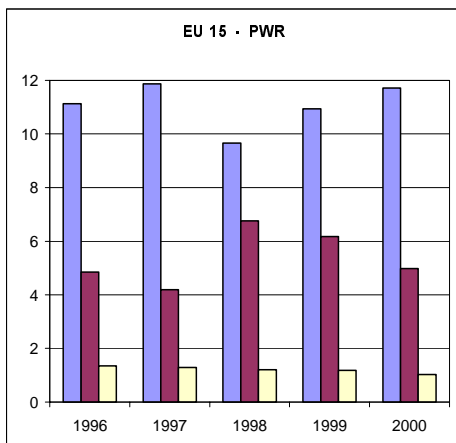
ENVIRONMENT AND
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Contents

Unavailability (%) of nuclear power stations (PWR, BWR) in the European Union.



Average unavailability (1) factors in the European Union's PWR and BWR power stations (2) have been fairly stable over the past few years.

	Year	Number of power stations	Installed capacity, MW	Planned unavailability (%)	Unplanned unavailability, internal causes (%)	Unplanned unavailability, external causes (%)	Total unavailability (%)
PWR	1996	88	91176	11.13	4.85	1.35	17.33
	1997	90	94393	11.87	4.19	1.28	17.35
	1998	89	94657	9.67	6.76	1.20	17.63
	1999	90	96177	10.93	6.17	1.17	18.28
	2000	91	97848	11.71	4.98	1.02	17.71
BWR	1996	17	15906	9.32	3.54	1.06	13.92
	1997	14	12726	8.76	6.11	0.13	14.99
	1998	17	16221	8.52	5.08	0.02	13.62
	1999	17	16221	6.22	4.46	0.07	10.76
	2000	17	16226	8.11	3.77	0.07	11.95
EU - 15 total	1996	105	107082	10.84	4.64	1.30	16.78
	1997	104	107119	11.45	4.45	1.13	17.03
	1998	106	110878	9.57	6.55	1.03	17.15
	1999	107	112398	10.29	5.96	1.01	17.25
	2000	108	114074	11.25	4.83	0.88	16.96



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(1) Unavailability is, in a certain period, the ratio of the mean unavailable capacity to the maximum capacity.

(2) PWR: Pressurized Water Reactor, BWR: Boiling Water Reactor.

Further information:

➤ Reference publications

Title Operation of nuclear power stations
 Catalogue No KS-29-00-545-3A-C Price EUR 22

➤ Databases

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