

Outage Rate in Japan

The forced outage rate in Japanese thermal power plants are tabulated in the following table. The calculation of reserve capacity was made with this table as the reference. Forced Outage Rate of Thermal Power Plant in Japan (1955 - 1977)

第二一21表 昭和30年度~52年度の火力停止形(平日)の推移

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Opreating days (A)	MMS	ar name ar name	5 IN	61472	1 01716'5	1.655.0	S. S. R	0.00.11	11.00.01 2.10.10 0.00.11 2.00.00 11 0.10.19	-	1. 1.02.10	1 0.67.61	IA. ICL.O	0°00'N	0'EL'U	12,141,5	11,2257,11	121 2.711.11	12,610.5	13° 41' 13'	10.151.1	14 IGN.5 13.	13.42.5 41.	1,200.1 e.e	6.67.0 7.A	7.MM.0 8,1	B.124.5 34.1	1.0.5	0.00	0 + C.Q.'*	5724314 5140314		Ŷ	0 X. W.	
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Forced outage rate (A)/((A)+(B))	Ϋ́.	10	8	P'4	1.1		5.2	4°C	11	C'7	ΰC	1,6	•	2.4	•	•	52	27	(°)	2.1	9°1	1.2	0"1	£"1	PI	2,2	3	<u>e</u>	~2	े . 	1	-	<u> </u>		1
Opreating days (A)	жжу		5 S	:	,	,	1	0.4	1,046.5	2,194.5	1992 -	0"641")	4. <i>m.</i> s	1,019.9	1	11, 2015	21 d'141 []	12:20.5	12,499,01	"al 0%E"6	14,121,0	ħ	179 J. 128-12	4,20% Z.K	52 51272	7, 01.0	2.77.5	6 , 71, 71,	74,727.0 19,5	, 113.5 B.C	18.04.5 N.M.O	01A.W. 00		1.00 M 1.00	1
Forced outage days (B)	E	10. 10 19. 10 19. 10	ક્રોસ સંદ	•	ł	,	,	Q'1	÷	0.8	Y N	¥7991	ŝ	74.5	0.43	ŝ	0'IÆ	ž	- 0°5X		0.142	S.M.	719.0		5°C	5	24°2 1'	1,07.0		5°75	- R 	0,441		5°10'S	<u>г е</u>
Forced outage rate (A)/((A)+(B))	MHYK	****	2	. •	,			. 1.ê	P.6	2.4	3.6	3.9	3.6	C.C	3.0		12	CL .	2.n	2.4		.	3	s.)	e, I	2.8	در	2	12	3	82		ļ		<u> </u>
Opreating days (A)	MITAS'	Mar is the	ning 2	•			•	1	1	1	1	1	1	•	1.	en.s	1.20.5	1'00'2 1'1	9 910wr2	1C 0'46'9	17 A.MAR (C	ч Т. Т. Т. Т.	91 - 14°	1.201	11 0'04'2	10 S-01-11	13, - 7,1 <u>1</u> 2,	5.044,42 G.140,52		2.41 3.42.42	0'109'21 5'91'2'	5°442°47 (1°1		10.100	
Forced outage days (B)	Ê	11.45.47 A	5Å10	,	•	1	•	4 -		,	ł	1	1	i		÷.	52	5	<i>u</i> -	6 12	4.4		ш.,	N.S. 1	10°0	341.5 N.C	7 45 1.	1.145.0	•	ŝ	R K	5 K.			
Forced outage rate (A) / (A) + (B))	1,000MW	49+17 49 49 41 44	2			•			•	•	,	•	•		- 1	1	•*•	2.4	2.4	9°C	2.1	1.5	17	67	ce .	11	ę.	3	14	54	2	 -			
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Forced outage days (B)	Total		si 10	2	175	0,922	5'05'1 9'05	1900 - L	0'\+	016	5'64'1	5.1	0.11	Ĵ.	2.42.1	5.94	0.07	2.11	a15.0 7	2.780.5	Q. 123	. en	'i ():55	2	11 SNG	111 558211	1.154.5 3.1	3.27.5	11.5005	5 19 5	2	29.5	0'W'Y	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	
Forced outage rate (A)/((A)+(B))	MHRAT'I	8-4-4 8-4-4 1	2	b.4	27	2	2		vič	2	ē	5.5	~	2	77	4	2	ž	•	7	2	<u>*</u>	2	2	2,0	97	12	12	2	2.0					r <u>s</u>
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* Adopted Forced Outage Rate for Decision of Unit Capacity of This Project Supply Program Employed in the Japan Electric Power Survey Report, November, 1982, Japan Electric Power Research Committee

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