## Submission to MERC Case 06 of 2000

1st Feb. 2001

By Prayas Amrita Clinic, Karve Road, Pune



MSEB Affidavit .... on Load Shedding Dec. 7, 2000

'Nearly 4,325 feeders are operated during load shedding. Time and duration of load shedding is recorded at respective substations. Subsequently the total load relief afforded by district is informed daily by the field substations to L.D. center at Kalwa and is recorded.'

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<ul> <li>Questionable Claims:</li> <li>1. Same LS for 6 Years</li> <li>Between FY 92 to FY 97 claimed peak</li> </ul>					
811	Installed	Unrestricted	Peak	Peak	
Year	Capacity	Demand	Met	Shortage	
92	9636	7228	6828	400	
93	9950	7196	6796	400	
94	10439	7955	7555	400	
95	11364	8306	7906	400	
96	11523	8978	8578	400	
97	11523	9418	9018	400	
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	Questio	nable	Claims:	
	2. Ratio Based I	_S Throu	ighout FY 98-99	
Hour	Load Shedding	Hour	Load Shedding	
9	0.74 * MP	18	0.6 * EP	
10	0.92 * MP	19	0.8 * EP	
11	0.65 * MP	20	0.9 * EP	
12	0.55 * MP	21	0.7 * EP	
		22	0.5 * EP	
MP =	LS at Morning Peak ,	EP = l	S at Evening Peak	
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LOAD	SHEDING	MSEB	Octobe	er 2000						
	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue
	1	2	3	4	5	6	7	8	9	10
1	0	0	0	0	0	0	0	0	0	(
2	0	0	0	0	0	0	0	0	0	(
3	0	0	0	0	0	0	0	0	0	(
4	0	0	0	0	0	0	0	0	0	(
5	0	0	0	0	0	0	0	0	0	(
6	0	0	0	0	0	0	369	0	0	(
7	1000	1310	1155	1067	800	800	369	600	1000	1040
8	1100	1410	1255	1167	900	1200	369	800	1100	144
9	1258	1510	1355	1267	1440	1495	369	941	1245	144
10	1258	1510	1355	1267	1440	1495	369	941	1200	144
11	1100	1410	1255	1167	1440	1200	0	800	1100	144
12	1000	1410	1155	1067	1000	1000	0	600	1000	144
13	800	1310	1155	1067	900	1000	0	600	1000	144
14	600	1310	1155	1067	800	1000	0	600	1000	144
15	600	1376	1349	1231	800	1000	0	600	1000	205
16	800	1376	1449	1331	800	1200	0	600	1000	160
17	1000	1476	1649	1431	900	1200	0	800	1000	160
18	1192	1576	1749	1531	1200	1401	0	923	1100	180
19	1192	1576	1749	1531	1550	1401	0	923	1284	182
20	1192	1576	1749	1531	1550	1401	0	923	1200	182
21	1100	1576	1649	1431	1200	1200	0	800	1100	182
22	1000	1476	1549	1331	800	1000	0	600	1000	180
23	0	0	0	0	0	0	0	0	0	
24	0	0	0	0	0	0	0	0	0	(



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Increa	ise (%) ove	r previous year
	99-00	00-01
MSEB Energy	9.2%	3.9%
	(Actual)	(MERC Proj.)
(State En April to Oct)		
State Energy (Restricted)	7.3%	3.7%
State Energy (Unrestricted)	7.0%	10.6%
MSEB Energy = MSEB gene State Energy = MSEB Ener	eration + pure gy + TEC / E	chases (excl. TEC ) 3SES Energy

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ll b]	Is DPC	Needed?	
Let us put t	hings in Per	spective (MSEE	B IC)
Coal	6,400	52 %	
Gas	912	20 %	
Hydro	2,402	7 %	
C.S. share	1,860	15 %	
DPC	746	6 %	
TOTAL	12,320	100%	
Demand met - for 9	95% time - wa	s less than 7,875 M	ΛW



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II b] Optio	ns for Additi	onal Gen.					
	MW	MU					
MSEB Coal	670	4100					
MSEB Gas	500	2410					
TEC	300	1840					
Industry Captive	300	800					
TOTAL	1770	9150					
ALL these, can be implemented immediately							
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