



***Maharashtra State Electricity Transmission  
Company Ltd.***

# **State Load Dispatch Center, Airoli**

## **Daily system Report**

**for**

**18/May/2012**

**State Load Dispatch Center, Airoli (MSETCL)**  
**Daily system Report for 18/May/2012 FRIDAY**

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	129.378	2210.272	1) Gujrat	6.741	62.647
2) Hydro	12.784	274.583	2) Madhya Pradesh	17.505	326.295
3) Gas	11.041	200.122	3) Chattisgarh	9.510	196.720
<b>Total MSGENCO</b>	<b>153.203</b>	<b>2684.977</b>	4) Maharashtra	58.220	1057.936
<b>B) OTHERS</b>			5) Goa	-7.356	-122.564
1) JSW JAIGAD	28.632	486.980	6) TAPS 1&2 Injection	7.688	139.211
2) WPCL	9.385	156.846	7) RGPPL Injection	20.590	381.007
3) Other CPP / IPP	6.130	154.351	8) Pench (Excess)	0.000	-2.440
4) Wind Generation	13.713	226.321	<b># Total Cent. Sector</b>	<b>112.898</b>	<b>2038.812</b>
5) PENCH (MS)	0.000	2.440	<b>F) Other Exchanges</b>		
<b>C) TPCL &amp; REL</b>			1) With TPCL (Excess)	-13.195	-237.841
1) TPCL Thermal	28.879	491.686	<b>G) Bilateral Power *</b>		
2) TPCL Hydro	4.765	72.600	1) MSEDCL Bilateral	39.403	684.171
<b>TOTAL TPCL</b>	<b>33.644</b>	<b>564.286</b>	Include PX	0.000	-3.548
3) REL Thermal	12.520	225.941	2) MUMBAI Bilateral	13.936	247.497
<b>D) STATE</b>			Include PX	2.440	44.560
1) Thermal (A1+C1+C3)	170.777	2927.899	3) MUMBAI Schedule	13.936	247.497
2) Hydro (A2+B5+C2)	17.549	349.623	<b>H) ENERGY CATERED (MUs)</b>		
3) Gas (A3)	11.041	200.122	1) MSEDCL	310.766	5512.886
4) Wind (B4)	13.713	226.321	2) TPCL	39.284	680.171
5) CPP (B1+B2+B3)	44.147	798.177	3) REL	20.075	347.855
<b>TOTAL STATE</b>	<b>257.227</b>	<b>4502.142</b>	<b>TOTAL STATE</b>	<b>370.125</b>	<b>6540.912</b>

**DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)**

PARTICULARS	A. Morning Peak at 11 Hrs	B. Evening Peak at 17 Hrs	C. Night Minimum at 4 Hrs
MSGENCO Thermal	5437	5324	5272
MSGENCO Hydro	697	858	333
MSGENCO Gas	451	450	474
<b>MSGENCO Total Generation</b>	<b>6585</b>	<b>6632</b>	<b>6079</b>
Central Sector Receipt	5243	4818	4397
WIND	566	494	654
CPP / IPP	1837	1824	1848
Exchange with Mumbai	-644	-650	-364
<b>MSEDCL DEMAND MET</b>	<b>13587</b>	<b>13118</b>	<b>12614</b>
Load Shedding	537	540	341
<b>MSEDCL DEMAND</b>	<b>14124</b>	<b>13658</b>	<b>12955</b>
TPCL GENERATION	1709	1773	978
R-INFRA GENERATION	524	520	521
<b>TPCL+R-INFRA DEMAND</b>	<b>2877</b>	<b>2943</b>	<b>1863</b>
<b>STATE DEMAND MET</b>	<b>16464</b>	<b>16061</b>	<b>14477</b>
<b>STATE DEMAND</b>	<b>17001</b>	<b>16601</b>	<b>14818</b>
Frequency (Hz)	49.83	49.69	49.61

**FREQUENCY PARTICULARS**

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.33 Hz at 06:05 Hrs	48.84 Hz at 23:06 Hrs	49.71	1.18 % of Time(min)

\* Displayed for information, not added in total. # Total Cent. Sector includes MSEDCL and TPCL bilateral power.

# State Load Dispatch Center, Airoli (MSETCL)

## Daily and Progressive Generation, Maximum, Minimum, OLC Details for 18/May/2012

Generating unit	Generation				OLC (MW)	Generating unit	Generation				OLC (MW)	
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)			Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)		
<b>Koradi</b>						<b>Total</b>	<b>9.56</b>	<b>195.53</b>			<b>1090</b>	
Unit 5	3.29	56.95	160	122	130	<b>Hydro</b>						
Unit 6	1.49	51.28	142	0	130	KDPH	0.78	12.09	33	32	36	
Unit 7	3.74	63.54	170	130	160	VTRNA	1.15	17.44	61	0	60	
<b>Total</b>	<b>8.53</b>	<b>171.77</b>			<b>420</b>	TILLARI	0.06	1.24	50	0	60	
<b>Bhusawal</b>						BHTGR/VEER	0.00	2.31	0	0	0	
Unit 2	3.88	66.36	175	135	170	BHIRA T.R.	0.22	3.49	80	0	80	
Unit 3	4.18	70.28	180	160	170	RNGR+BHTSA	0.26	4.94	11	10	10	
Unit 4	3.50	47.76	213	83	0	BHANDARDRA	0.24	9.47	10	9	17	
Unit 5	0.00	0.00	0	0	0	ELDARY	0.00	1.74	0	0	0	
<b>Total</b>	<b>11.57</b>	<b>184.39</b>			<b>340</b>	SMLHY_PTN	0.51	9.93	27	18	10	
<b>Parli</b>						GHATGHAR	0.00	16.40	0	0	0	
Unit 3	4.51	81.69	203	166	198	<b>Total</b>	<b>3.23</b>	<b>79.06</b>			<b>273</b>	
Unit 4	4.02	65.80	183	126	173	<b>Wind</b>						
Unit 5	3.97	72.00	175	155	163	MalharPeth	0.32	7.64				
Unit 6	5.39	71.72	255	124	250	Vankuswadi	0.51	11.86				
Unit 7	5.49	57.87	240	217	222	ATIT	0.07	2.11				
<b>Total</b>	<b>23.39</b>	<b>349.08</b>			<b>1006</b>	Kale	0.22	4.74				
<b>Chandrapur</b>						Satara	1.68	14.34				
Unit 1	3.90	58.36	168	160	165	Shirala	0.18	3.95				
Unit 2	3.77	65.92	166	150	160	K Mahankal	0.03	9.54				
Unit 3	3.91	75.76	178	129	170	Supa	0.25	3.33				
Unit 4	3.27	71.55	162	0	150	Vita	0.96	16.71				
Unit 5	10.21	196.04	445	380	420	Dondaicha	6.82	109.64				
Unit 6	10.04	177.16	440	395	430	Sakri	0.80	12.39				
Unit 7	7.84	122.26	430	0	400	Nandurbar	0.67	10.39				
<b>Total</b>	<b>42.96</b>	<b>767.04</b>			<b>1895</b>	Khandke	0.77	10.51				
<b>Paras</b>						Khaparale	0.42	9.18				
Unit 3	6.13	95.01	260	247	250	<b>Total</b>	<b>13.71</b>	<b>226.32</b>				
Unit 4	0.00	0.59	0	0	0	<b>CPP</b>						
<b>Total</b>	<b>6.13</b>	<b>95.60</b>			<b>250</b>	JSW_JAIGAD	28.63	486.98	1200	1180	1070	
<b>Khaparkheda</b>						WARDHA	9.38	156.85	417	377	400	
Unit 1	4.10	72.21	185	135	180	Other CPPs	6.13	154.35				
Unit 2	4.10	75.88	183	155	180	<b>Total</b>	<b>44.15</b>	<b>798.18</b>			<b>1470</b>	
Unit 3	4.53	80.07	210	163	190	<b>Tata</b>						
Unit 4	4.64	81.21	215	178	190	Trombay 4	0.00	0.00	0	0	0	
Unit 5	5.64	89.89	282	150	250	Trombay 5	11.46	197.54	503	371	500	
<b>Total</b>	<b>23.02</b>	<b>399.26</b>			<b>990</b>	Trombay 6	7.38	108.68	437	157	500	
<b>Nasik</b>						Trombay 7A	2.92	51.56	125	119	120	
Unit 3	5.26	85.97	220	215	210	Trombay 7B	1.62	28.96	69	67	60	
Unit 4	4.26	80.26	205	146	200	Trombay 8	5.49	104.94	231	225	250	
Unit 5	4.28	76.90	188	165	180	TATA Hydro	4.76	72.60	455	0	447	
<b>Total</b>	<b>13.79</b>	<b>243.13</b>			<b>590</b>	<b>Total</b>	<b>33.64</b>	<b>564.29</b>			<b>1877</b>	
<b>Uran</b>						<b>REL</b>						
All Units	11.04	200.12	479	442	460	1&2	12.52	225.94	524	518	500	
<b>Total</b>	<b>11.04</b>	<b>200.12</b>			<b>460</b>	<b>Total</b>	<b>12.52</b>	<b>225.94</b>			<b>500</b>	
<b>PENCH (MS)</b>						<b>Cent Sect</b>						
Pench (MS)	0.00	2.44	0	0	0	Share					5285	
<b>Total</b>	<b>0.00</b>	<b>2.44</b>			<b>0</b>	<b>Total</b>					<b>5285</b>	
<b>Koyna</b>												
Stage 1-2	4.40	73.48	565	40	600							
Stage 4	2.96	86.90	462	0	250							
Stage 3	2.20	35.15	240	0	240							
<b>Koyna 12&amp;4 Total</b>	<b>7.36</b>	<b>160.38</b>			<b>850</b>							
						MS	Thermal	129.38	2210.27			5491
						PG	Thml+Gas	140.42	2410.39			5951
						CL	Hydro	12.78	274.58			1363
							Total	153.20	2684.98			7314
						State Total		257.23	4502.14			16446

# State Load Dispatch Center, Airoli (MSETCL)

Hourly Load Data As on 18/May/2012

TIME SR. NO.	MSPGCL GEN.			TOTAL	WIND	CPP / IPP	CS SHARE	CS RECPT	Mum.S CH.	Mum. NET EXCH.	MSEDCL DEMAND MET	LOAD SHEDDING	MSEDCL DEMAND WITH LS	TPCL + R -INFRA DEMAND	STATE DEMAND	FREQ. (Hz)
	THM	HY	GAS													
1	5199	952	471	6622	701	1851	5090	4592	-628	-519	13247	241	13488	2236	15724	49.73
2	5199	828	472	6499	688	1845	4977	4685	-500	-423	13294	318	13612	2047	15659	49.67
3	5250	492	472	6214	742	1847	4915	4589	-424	-383	13009	332	13341	1937	15278	49.58
4	5272	333	474	6079	654	1848	4877	4397	-386	-364	12614	341	12955	1863	14818	49.61
5	5451	285	472	6208	657	1849	4882	4324	-365	-365	12673	346	13019	1839	14858	49.78
6	5478	472	478	6428	693	1871	4802	4581	-386	-403	13170	466	13636	1878	15514	49.74
7	5556	264	474	6294	670	1864	4741	4345	-383	-382	12791	769	13560	1874	15434	50.00
8	5609	177	479	6265	586	1856	4749	4437	-386	-380	12764	756	13520	1989	15509	49.87
9	5639	192	456	6287	588	1847	4759	4516	-401	-485	12753	752	13505	2326	15831	49.81
10	5571	325	452	6348	513	1849	4986	5082	-553	-576	13216	534	13750	2613	16363	49.77
11	5437	697	451	6585	566	1837	5319	5243	-730	-644	13587	537	14124	2877	17001	49.83
12	5423	604	448	6475	504	1832	5411	4968	-818	-682	13097	778	13875	2975	16850	49.74
13	5446	450	450	6346	468	1832	5418	5176	-820	-725	13097	882	13979	2972	16951	49.71
14	5403	432	452	6287	606	1835	5282	4954	-683	-582	13100	754	13854	2875	16729	49.62
15	5388	621	442	6451	432	1830	5236	5121	-746	-664	13170	619	13789	2945	16734	49.56
16	5331	1310	454	7095	457	1815	5093	4687	-732	-634	13420	501	13921	2961	16882	49.50
17	5324	858	450	6632	494	1824	5082	4818	-725	-650	13118	540	13658	2943	16601	49.69
18	5364	482	456	6302	486	1814	4940	4313	-649	-680	12235	517	12752	2847	15599	49.84
19	5360	181	450	5991	639	1817	4958	4150	-581	-664	11933	334	12267	2667	14934	49.81
20	5299	402	461	6162	562	1839	5162	4927	-621	-598	12892	592	13484	2697	16181	49.68
21	5337	253	460	6050	644	1842	5097	4757	-542	-588	12705	659	13364	2636	16000	49.81
22	5325	196	460	5981	465	1852	5122	4556	-579	-591	12263	652	12915	2493	15408	49.70
23	5325	873	449	6647	503	1819	5049	4806	-615	-593	13182	264	13446	2450	15896	49.53
24	5392	1105	458	6955	395	1832	4980	4874	-680	-620	13436	211	13647	2419	16066	49.38
<b>MUs</b>	<b>129.38</b>	<b>12.78</b>	<b>11.04</b>	<b>153.20</b>	<b>13.71</b>	<b>44.15</b>	<b>120.93</b>	<b>112.90</b>	<b>-13.94</b>	<b>-13.20</b>	<b>310.77</b>	<b>12.70</b>	<b>323.46</b>	<b>59.36</b>	<b>382.82</b>	<b>49.71</b>

NOTE : ALL VALUES IN MW

Mumbai Sch./Net Exch is shown with reference to MSETCL System. (+) indicates Mum. to MSETCL and (-) indicates MSETCL to Mum. Mumbai Schedule is calculated for MSETCL periphery (taking 4% loss for import & 4.85% MSETCL loss # Without Applying Load Diversity Factor

**State Load Dispatch Center,Airoli (MSETCL)**  
**Details of Generating Unit Outages/Trippings for 18/May/2012**

Position as on 6.30 Hrs of 19/May/2012

Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
<b>PLANNED OUTAGE</b>							
Paras Unit 4	250	01/05/2012	03.25		Continued.	Annual Overhaul.	30/05/2012
Cent_Sect NTPC (V-1)	210	14/05/2012	00.15		Continued.	Annual Overhaul.	
<b>FORCED OUTAGE</b>							
Tata Trombay 4	150	14/02/2012	00.08		Continued.	Withdrawn/Cold Standby	
Bhusawal Unit 5	500	30/03/2012	04.34		Continued.	Hand Tripped	
Dabhol 1A	230	30/03/2012	23.29		Continued.	Gas Shortage	
Dabhol 1X	290	31/03/2012	19:43		Continued.	Maintenance work.	
Dabhol 1B	230	31/03/2012	19:45		Continued.	Maintenance work.	
Cent_Sect Kawas GT2A	106	26/04/2012	18.13		Continued.	Less Requisition	
Uran Unit 6	108	07/05/2012	19.46		Continued.	Gas shortage.	
Chandrapur Unit 7	500	12/05/2012	13.50	18/05/2012	02.24	Boiler Tube Leakage	
Koyna Unit 12	80	16/05/2012	22:30		Continued.	Rotor earth fault.	
Dabhol 2B	230	17/05/2012	16.37		Continued.	W/Dn due to gas shortage.	
Cent_Sect Sipat-4	500	18/05/2012	05.20	18/05/2012	23.41	Steam leakage.	
Koradi Unit 6	210	18/05/2012	10:24	18/05/2012	22:27	P A Duct leakage.	
Chandrapur Unit 4	210	18/05/2012	22:02		Continued.	Boiler Tube Leakage.	
REL 2	250	19/05/2012	01.30		Continued.	Boiler tube leakage.	21/05/2012

**State Load Dispatch Center,Airoli (MSETCL)**  
**Details of Line outages/Trippings for 18/May/2012**

Position as on 6.30 Hrs of 19/May/2012

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
<b>InterState</b>					
<b>Voltage Level : 400KV</b>			<b>Outage Type PLANNED OUTAGE</b>		
Parly(PG) - Wardha (PG) - I	12/05/2012	20.40		Continued.	Over voltage
Akola - Aurangabad - II	18/05/2012	10.17		Continued.	Maintenance work.
<b>Voltage Level : 220KV</b>			<b>Outage Type PLANNED OUTAGE</b>		
Sarani - Pandurna	10/05/2012	08.38		Continued.	Erection of New Tower @ Loc.No.4AR/MC 10 Outage upto
Halkarni-Mahalaxmi	18/05/2012	07.20	18/05/2012	18.00	Replacement of old disc type insulators string by polymer insulator.
<b>IntraState</b>					
<b>Voltage Level : 400KV</b>			<b>Outage Type PLANNED OUTAGE</b>		
50 MVAR Line Reactor on 400 KV Parly Ckt.-III at Chandrapur	22/03/2012	11.00		Continued.	High tan delta value of bushing.
50MVAR Reactor C'Pur - Parli -I at Parli end	16/04/2012	16.50		Continued.	Filtration work
Koradi-Akola	18/05/2012	06.05		Continued.	LILO arrangement work.
400/220 KV 315 MVA ICT-II @ Dhule	18/05/2012	08.20	18/05/2012	20.50	Stringing work.
400/220KV,500MVA ICT-III At Kalwa.	18/05/2012	08.24		Continued.	Replacement of PT and tan delta of T/F bushing of CT,R.M. work.
400/220 KV 500 MVA ICT - II at Khaparkheda	18/05/2012	09.02	18/05/2012	17.25	Checking of NDR ckt and relay.CTR work.
Newkoyna - Jaigad - I	18/05/2012	10.12	18/05/2012	15.23	Cold line insulator washing.
<b>Voltage Level : 220KV</b>			<b>Outage Type PLANNED OUTAGE</b>		
220/132 KV 150 MVA ICT @ Bhandara	28/12/2011	13.57		Continued.	Replacement of ICT by 200MVA
Uran-Kharghar-II	15/02/2012	07.42		Continued.	Mumbai system strengthing work
Khargar-Topworth	15/02/2012	07.47		Continued.	Mumbai system strengthing work
Kharghar-TSS	18/02/2012	08.52		Continued.	Temporary Reconfigured as Uran-TSS at 20.30Hrs Dt.18/2/12
Uran - Kharghar - I	19/02/2012	07.50		Continued.	Mumbai System Strengthening Work.
220/132 KV 100 MVA ICT II at Girvali	14/04/2012	12:05		Continued.	Augumentation by 200 MVA ICT.
Auxiliary Bus @ Babhleshwar	08/05/2012	09.20		Continued.	Conductor Replacement Work.
220/132 KV 200 MVA ICT - II @ Malegaon	18/05/2012	08.10		Continued.	For attending oil leakage of OLTC.
Babaleshwar - Bhenda	18/05/2012	08.13		Continued.	Increase ground clrance of 220KV BBLSR-Bhenda at Loc.No.54 to 72.
Padgha-Jambhul II	18/05/2012	08.30	18/05/2012	17.17	R.M.Work and B ph.LA replacement.
Bus Section - II @ Nasik	18/05/2012	09.02	18/05/2012	12.56	Tan delta,CRM of CB,Bay maint.work.
Karad-Pedambe	18/05/2012	09.15	18/05/2012	17.40	For replacement of old disc insulator by polymer insulator.
220 KV A Bus @ Kharghar	18/05/2012	09.44	18/05/2012	18.25	Isolator alignment and R.M.Work
Uran - T S S	18/05/2012	09.54	18/05/2012	18.33	Bay maintenance work.
Bus section-II at Temghar	18/05/2012	10.07	18/05/2012	17.22	Routine bay maintenance and attending hot spot.
Chalishaon - Malegaon	18/05/2012	12.07	18/05/2012	18.42	Insulator replacement work.
<b>Voltage Level : 400KV</b>			<b>Outage Type HAND TRIPPED</b>		
Bhusawal- Aurangabad	17/05/2012	18.07	18/05/2012	06.15	Over Voltage.

**State Load Dispatch Center,Airoli (MSETCL)**  
**Details of Line outages/Trippings for 18/May/2012**

Position as on 6.30 Hrs of 19/May/2012

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
Kalwa-Kharghar	18/05/2012	15.58	18/05/2012	16.05	To remove bird nest.
<b>Voltage Level : 220KV</b>			<b>Outage Type HAND TRIPPED</b>		
Padgha - Temghar - II	14/05/2012	14.50	18/05/2012	09.30	To control Padgha ICT Loading
Padgha-Temghar I	18/05/2012	09.44	18/05/2012	17.50	Due to bus section-II outage at Temghar
<b>Voltage Level : 400KV</b>			<b>Outage Type TRIPPED</b>		
Deepnagar-Aurangabad-I	12/05/2012	15.47		Continued.	PSB operated,Ready for Charging from 16.20 dt 12.05.2012
New Koyna - Jaigad - II	18/05/2012	04.29	18/05/2012	09.44	Distance Protection,B-Ph. to Earth.
Newkoyna - Jaigad - I	19/05/2012	03.11	19/05/2012	03.34	Distance protection.
Karad-Jaigad I	19/05/2012	03.43	19/05/2012	04.01	Distance protection.
New Koyna-Jaigad II	19/05/2012	04.11	19/05/2012	04.28	Distance protection.
<b>Voltage Level : 220KV</b>			<b>Outage Type TRIPPED</b>		
Pedambe-Pophali I	18/05/2012	13.41	18/05/2012	14.17	Distance protection R ph.to earth.
<b>Voltage Level : 100KV</b>			<b>Outage Type TRIPPED</b>		
Kalwa-Standard	18/05/2012	09.30	18/05/2012	15.08	Crow fault.

# State Load Dispatch Center, Airoli (MSETCL)

## Details of On Line Capacity for 19/May/2012

Generating unit	Derated Capacity (MW)	OLC (MW)	Generating unit	Derated Capacity (MW)	OLC (MW)
<b>Koradi</b>			TILLARI	60	60
Unit 5	200	155	BHTGR/VEER	21	0
Unit 6	210	140	BHIRA T.R.	80	80
Unit 7	210	165	RNGR+BHTSA	20	11
	<b>620</b>	<b>460</b>	BHANDARDRA	45	10
<b>Bhusawal</b>			ELDARY	23	0
Unit 2	210	170	SMLHY_PTIN	12	9
Unit 3	210	170	GHATGHAR	250	0
Unit 4	500			<b>611</b>	<b>266</b>
Unit 5	500		<b>Wind</b>		
	<b>1420</b>	<b>340</b>	MalharPeth	0	
<b>Parli</b>			Vankuswadi	0	
Unit 3	210	192	ATIT	0	
Unit 4	210	175	Kale	0	
Unit 5	210	170	Satara	0	
Unit 6	250	240	Shirala	0	
Unit 7	250	240	K Mahankal	0	
	<b>1130</b>	<b>1017</b>	Supa	0	
<b>Chandrapur</b>			Vita	0	
Unit 1	210	165	Dondaicha	0	
Unit 2	210	160	Sakri	0	
Unit 3	210	170	Nandurbar	0	
Unit 4	210	0	Khandke	0	
Unit 5	500	425	Khaparale	0	
Unit 6	500	420		<b>0</b>	
Unit 7	500	430	<b>CPP</b>		
	<b>2340</b>	<b>1770</b>	JSW_JAIGAD	600	1070
<b>Paras</b>			WARDHA	405	440
Unit 3	250	250	Other_CPPs	0	
Unit 4	250	0		<b>1005</b>	<b>1510</b>
	<b>500</b>	<b>250</b>	<b>Tata</b>		
<b>Khaparkheda</b>			Trombay 4	150	0
Unit 1	210	180	Trombay 5	500	500
Unit 2	210	180	Trombay 6	500	500
Unit 3	210	190	Trombay 7A	120	120
Unit 4	210	190	Trombay 7B	60	60
Unit 5	500	250	Trombay 8	250	150
	<b>1340</b>	<b>990</b>	TATA Hydro	444	447
<b>Nasik</b>				<b>2024</b>	<b>1777</b>
Unit 3	210	210	<b>REL</b>		
Unit 4	210	210	1&2	500	250
Unit 5	210	190		<b>500</b>	<b>250</b>
	<b>630</b>	<b>610</b>	<b>Cent Sect</b>		
<b>Uran</b>			Share	3455	5235
All Units	852	460		<b>3455</b>	<b>5235</b>
	<b>852</b>	<b>460</b>			
<b>PENCH (MS)</b>					
Pench (MS)	53				
	<b>53</b>				
<b>Koyna</b>					
Stage 1-2	600	600			
Stage 4	1000	250			
Stage 3	320	240			
	<b>1920</b>	<b>1090</b>			
<b>Hydro</b>					
KDPH	40	36			
VTRNA	60	60			