



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

State Load Dispatch Center, Airoli

Daily system Report

for

23/Sep/2013

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 23/Sep/2013 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	86.664	2122.105	1) Gujrat	0.012	182.607
2) Hydro	3.767	341.833	2) Madhya Pradesh	16.252	434.083
3) Gas	10.565	236.115	3) Chattisgarh	8.630	226.790
Total MSGENCO	100.996	2700.053	4) Maharashtra	52.205	1506.389
B) 1) JSW JAIGAD	19.344	482.754	5) Goa	-4.941	-122.876
2) WPCL	7.179	169.790	6) TAPS 1&2 Injection	7.525	169.219
3) ADANI	24.690	586.750	7) RGPPL Injection	0.000	0.000
4) Other CPP / IPP	8.852	276.177	8) Pench (Excess)	-0.970	-14.428
5) Wind Generation	29.642	233.867	# Total Cent. Sector	78.713	2381.784
6) PENCH (MS)	0.970	14.428	F) Other Exchanges		
C) TPCL & REL			1) With TPCL (Excess)	-23.580	-448.062
1) TPCL Thermal	18.853	429.126	G) Bilateral Power *		
2) TPCL Hydro	3.516	112.177	1) MSEDCL Bilateral	7.032	346.038
TOTAL TPCL	22.369	541.303	Include PX	-4.073	52.505
3) REL Thermal	11.585	279.330	2) MUMBAI Bilateral	20.088	409.193
D) STATE			Include PX	5.791	103.590
1) Thermal (A1+C1+C3)	117.102	2830.561	3) MUMBAI Schedule	20.088	409.733
2) Hydro (A2+B5+C2)	8.253	468.438	H) ENERGY CATERED (MUs)		
3) Gas (A3)	10.565	236.115	1) MSEDCL	246.806	6397.541
4) Wind (B4)	29.642	233.867	2) TPCL	37.170	822.702
5) CPP (B1+B2+B3)	60.065	953.411	3) REL	20.363	446.005
TOTAL STATE	225.627	4722.392	TOTAL STATE	304.339	7666.248

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 11 Hrs	B. Evening Peak at 20 Hrs	C. Night Minimum at 3 Hrs
MSGENCO Thermal	3462	3762	3427
MSGENCO Hydro	190	512	100
MSGENCO Gas	441	440	443
MSGENCO Total Generation	4093	4714	3970
Central Sector Receipt	3516	3884	2630
WIND	1608	864	1057
CPP / IPP	2680	2894	2231
Exchange with Mumbai	-1301	-898	-619
MSEDCL DEMAND MET	10649	11512	9290
Load Shedding	59	138	53
MSEDCL DEMAND	10708	11650	9343
TPCL GENERATION	1141	1331	676
R-INFRA GENERATION	521	521	407
TPCL+R-INFRA DEMAND	2963	2750	1702
STATE DEMAND MET	13612	14262	10992
STATE DEMAND	13671	14400	11045
Frequency (Hz)	50.01	49.87	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.37 Hz at 02.19 Hrs	49.4 Hz at 18.56 Hrs	49.99	0 % 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 23/Sep/2013

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 5	0.00	43.87	0	0	0
Unit 6	2.47	51.79	180	27	100
Unit 7	0.00	0.00	0	0	0
Total	2.47	95.66			100
Bhusawal					
Unit 2	0.05	45.08	48	0	0
Unit 3	2.89	77.66	140	105	140
Unit 4	6.96	156.54	385	225	269
Unit 5	4.82	121.54	235	150	
Total	14.72	400.82			409
Parli					
Unit 3	0.00	0.00	0	0	
Unit 4	3.22	74.94	163	106	140
Unit 5	0.47	0.47	76	0	75
Unit 6	4.34	101.93	209	150	163
Unit 7	4.19	100.29	201	142	180
Total	12.22	277.63			558
Chandrapur					
Unit 1	2.87	57.42	125	113	120
Unit 2	0.00	63.48	0	0	0
Unit 3	3.68	64.83	178	115	140
Unit 4	4.00	84.79	197	140	150
Unit 5	0.00	0.00	0	0	0
Unit 6	6.21	166.29	300	210	250
Unit 7	6.15	177.86	282	230	250
Total	22.92	614.67			910
Paras					
Unit 3	4.00	102.09	196	123	148
Unit 4	3.81	97.30	221	0	145
Total	7.80	199.39			293
Khaparkheda					
Unit 1	3.91	77.52	185	145	190
Unit 2	3.14	32.96	160	0	160
Unit 3	4.28	79.46	193	172	190
Unit 4	4.01	83.58	192	154	190
Unit 5	0.00	0.00	0	0	0
Total	15.34	273.53			730
Nasik					
Unit 3	3.70	80.42	165	130	185
Unit 4	3.69	84.80	166	139	180
Unit 5	3.81	95.19	170	148	180
Total	11.20	260.41			545
Uran					
All Units	10.56	236.12	448	432	350
Total	10.56	236.12			350
PENCH (MS)					
Pench (MS)	0.97	14.43	54	20	
Total	0.97	14.43			
Koyna					
Stage 1-2	1.22	94.00	120	40	600
Stage 4	0.00	140.02	0	0	250
Stage 3	0.20	53.48	80	0	240
Kovna 12&4 Total	1.22	234.02			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Total	1.42	287.50			1090
Hydro					
KDPH	0.00	4.70	0	0	0
VTRNA	0.00	3.43	0	0	0
TILLARI	0.23	5.64	60	0	60
BHTGR/VEER	0.11	2.36	5	4	5
BHIRA T.R.	0.17	9.42	41	0	40
RNGR+BHTSA	0.43	6.31	18	17	20
BHANDARDRA	0.44	5.55	38	14	0
ELDARY	0.00	0.00	0	0	0
SMLHY PTN	0.55	7.66	23	22	20
GHATGHAR	0.41	9.27	211	0	0
Total	2.35	54.33			145
Wind					
MalharPeth	0.80	7.76			
Vankuswadi	1.61	13.04			
ATIT	0.25	2.47			
Kale	0.57	5.37			
Satara	6.96	53.63			
Shirala	0.50	4.60			
K Mahankal	0.15	1.77			
Supa	0.48	4.13			
Vita	3.29	24.80			
Dondaicha	9.56	76.74			
Sakri	1.50	11.07			
Nandurbar	0.71	7.29			
Khandke	2.13	11.36			
Khaparale	1.13	9.83			
Total	29.64	233.87			
CPP					
JSW JAIGAD	19.34	482.75	864	764	783
WARDHA	7.18	169.79	319	234	320
Adani	24.69	586.75	1220	850	1234
Other CPPs	8.85	276.18			400
Total	60.06	1515.47			2737
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	9.84	255.44	500	313	500
Trombay 6	0.00	0.00	0	0	0
Trombay 7A	2.76	32.47	131	100	120
Trombay 7B	1.61	12.42	73	62	60
Trombay 8	4.64	128.80	243	148	250
TATA Hydro	3.52	112.18	438	0	447
Total	22.37	541.30			1377
REL					
1&2	11.58	279.33	523	406	500
Total	11.58	279.33			500
Cent Sect					
Share					3521
Total					3521

MS PG CL	Thermal	86.66	2122.10			3545
	Thml+Gas	97.23	2358.22			3895
	Hydro	3.77	341.83			1235
	Total	101.00	2700.05			5130
State Total		225.63	4722.39			13265

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 23/Sep/2013

TIME SR. NO.	MSPGCL GEN.			TOTAL	WIND	CPP / IPP	CS SHARE	CS RECPT	Mum.S CH.	Mum. NET EXCH.	MSEDCL DEMAND MET	LOAD SHEDDI NG	MSEDCL DEMAND WITH LS	TPCL + R -INFRA DEMAND	STATE DEMAND	FREQ. (Hz)
	THM	HY	GAS													
1	3240	103	441	3784	1114	2395	2677	3169	-551	-825	9658	81	9739	1903	11642	50.11
2	3297	98	441	3836	1030	2413	2543	2737	-522	-681	9356	53	9409	1766	11175	50.12
3	3427	100	443	3970	1057	2231	2491	2630	-474	-619	9290	53	9343	1702	11045	50.01
4	3462	105	443	4010	1052	2225	2465	2718	-448	-575	9451	53	9504	1659	11163	50.06
5	3499	109	445	4053	1067	2197	2593	2768	-446	-540	9596	53	9649	1621	11270	50.01
6	3496	156	448	4100	1196	2238	2900	3213	-459	-647	10151	70	10221	1745	11966	49.98
7	3586	192	447	4225	1376	2464	2968	3066	-518	-812	10372	160	10532	1966	12498	50.10
8	3580	128	444	4152	1309	2425	3171	3744	-712	-966	10717	89	10806	2042	12848	50.02
9	3640	180	440	4260	1429	2521	3413	3807	-951	-1234	10835	86	10921	2327	13248	50.07
10	3639	159	438	4236	1503	2658	3587	3520	-1163	-1310	10660	69	10729	2656	13385	49.99
11	3462	190	441	4093	1608	2680	3572	3516	-1137	-1301	10649	59	10708	2963	13671	50.01
12	3407	201	437	4045	1563	2463	3615	3363	-1152	-1198	10290	57	10347	2985	13332	49.98
13	3473	100	432	4005	1662	2243	3428	3039	-1137	-1132	9865	111	9976	2965	12941	50.01
14	3650	100	434	4184	1758	2220	3219	2742	-1086	-1261	9695	58	9753	2849	12602	50.05
15	3680	109	433	4222	1393	2270	3305	2937	-1106	-1254	9598	70	9668	2852	12520	49.89
16	3574	109	439	4122	1587	2367	3291	3100	-1086	-1274	9931	70	10001	2851	12852	49.99
17	3630	104	438	4172	1355	2377	3183	3150	-1049	-1293	9790	58	9848	2816	12664	50.01
18	3643	130	438	4211	1268	2394	3376	3245	-1011	-1154	10017	54	10071	2780	12851	49.88
19	3770	260	437	4467	1199	2741	3668	3777	-959	-949	11288	57	11345	2770	14115	49.75
20	3762	512	440	4714	864	2894	3779	3884	-928	-898	11512	138	11650	2750	14400	49.87
21	3851	286	438	4575	982	2912	3705	3875	-835	-846	11548	89	11637	2637	14274	49.94
22	3950	126	438	4514	939	2935	3638	3619	-742	-882	11149	78	11227	2447	13674	49.94
23	3920	110	443	4473	668	2914	3671	3746	-848	-982	10843	64	10907	2318	13225	49.89
24	4026	100	447	4573	663	2888	3598	3350	-770	-947	10547	64	10611	2164	12775	50.03
MUs	86.66	3.77	10.56	101.00	29.64	60.06	77.86	78.72	-20.09	-23.58	246.81	1.79	248.60	57.53	306.14	49.99

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 23/Sep/2013

Position as on 6.30 Hrs of 24/Sep/2013

Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE							
Parli Unit 3	210	13/02/2013	23.50		Continued.	Water Shortage	
Parli Unit 5	210	14/02/2013	22.45	23/09/2013	01.11	Water Shortage	
Koyna Unit 11	80	04/06/2013	13.25		Continued.	Rotar Fault.	
Chandrapur Unit 5	500	14/07/2013	00.01		Continued.	Annual Overhaul	
Koradi Unit 7	210	09/08/2013	07.22		Continued.	Annual Overhaul	
Cent_Sect Sipat U-1	660	15/08/2013	02.00		Continued.	Annual Overhaul	
Khaparkheda Unit 5	500	26/08/2013	21.37		Continued.	Annual Overhaul	
FORCED OUTAGE							
Dabhol 3B	230	28/05/2013	21.58		Continued.	Gas shortage.	
Dabhol 1B	230	28/05/2013	22.02		Continued.	Gas shortage.	
Dabhol 3A	230	06/06/2013	08.28		Continued.	Gas Shortage	
Dabhol 3X	290	06/06/2013	08.28		Continued.	Gas Shortage	
Dabhol 2A	230	06/06/2013	09.10		Continued.	Gas Shortage	
Dabhol 1X	290	27/06/2013	21.46		Continued.	Gas Shortage	
Dabhol 1A	230	27/06/2013	21.47		Continued.	Gas Shortage	
Dabhol 2X	290	15/07/2013	15.09		Continued.	Gas Shortage	
Tata Trombay 6	500	19/07/2013	23.54		Continued.	Economic shut down.	
Dabhol 2B	230	08/08/2013	15.03		Continued.	Withdrawn	
Cent_Sect TARAPUR-3	540	28/08/2013	09.08		Continued.	Reactor Problem.	
CPP JSW (J) U2	300	07/09/2013	00.01		Continued.	Withdrawn due to no schedule.	
CPP Adani U1	660	10/09/2013	07.30		Continued.	BLR T/L.	
Uran Unit 8	108	13/09/2013	13.16		Continued.	Gas Shortage.	
CPP WPCL U-3	135	16/09/2013	21.19		Continued.	ESP Bag filter repl.	
Uran Unit 6	108	17/09/2013	19.17		Continued.	Gas Shortage	
Chandrapur Unit 2	210	21/09/2013	22.19	24/09/2013	02.38	Economiser Tube Leakage.	
Paras Unit 4	250	22/09/2013	04.02	23/09/2013	01.21	Bunkaring Problem.	
CPP INDIABULLS	270	22/09/2013	06.04	23/09/2013	13.39	Due to Connected Bouth Line are Tripped on Over Voltage.	
Koradi Unit 5	200	22/09/2013	12.08		Continued.	High Furnace Pressure.	
Bhusawal Unit 2	210	22/09/2013	22.18	23/09/2013	23.00	Main Ejector Tube Leakage.	
Parli Unit 5	210	23/09/2013	05.49	23/09/2013	17.54	Main Steam Temp.Low.	
Khaparkheda Unit 2	210	23/09/2013	10.27	23/09/2013	12.17	Flame Failure.	
Parli Unit 5	210	23/09/2013	19.32	23/09/2013	21.30	Drum level high.	

State Load Dispatch Center,Airoli (MSETCL)
Details of Generating Unit Outages/Trippings for 23/Sep/2013

Position as on 6.30 Hrs of 24/Sep/2013

Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
Tata Trombay 7B	60	24/09/2013	04.46		Continued.	Stator Earth Fault.	

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 23/Sep/2013

Position as on 6.30 Hrs of 24/Sep/2013

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
InterState					
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Kolhapur - Mapusa - I	19/09/2013	16.47		Continued.	Over Voltage.
Solapur - Solapur (PG)	20/09/2013	07.52	23/09/2013	06.52	Over Voltage.
Dhule-Sar'Sarovar - I	22/09/2013	15.23		Continued.	Over Voltage.
Solapur - Solapur (PG)	23/09/2013	17.55		Continued.	Over Voltage.
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Nasik-Navsari-I	21/09/2013	17.23		Continued.	To Control Bus Section Breaker Load.
Voltage Level : 500KV			Outage Type TRIPPED		
765KV Wardha-Senoi-II (PGCIL)	20/08/2013	20:30		Continued.	Over Voltage.
Voltage Level : 400KV			Outage Type TRIPPED		
Parli - Solapur (PGCIL) - I	18/09/2013	17.01		Continued.	Over Voltage
Kolhapur-Solapur(PGCIL)-I	18/09/2013	17.01		Continued.	Over Voltage
Kolhapur-Solapur (PG) II	20/09/2013	17.08		Continued.	Due to Heavy Rains,7 No's of Towers are Damaged.
Akola - Wardha - I	23/09/2013	01.14	23/09/2013	06.13	Over Voltage.
Padgha-Tarapur - II	23/09/2013	03.13	23/09/2013	08.07	Over Voltage.
Karad - Solapur (PGCIL)	23/09/2013	03.39	23/09/2013	08.59	Over Voltage.
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
400 KV GT V at Khaparkheda	21/08/2013	17.34		Continued.	Hot Spot B Ph. 89T Isolator.
Dabhol-Nagothane-II	18/09/2013	10.51		Continued.	Tree Cutting work, ready for charging 17.22Hrs
Lonikand - Talegaon	23/09/2013	12.42	23/09/2013	14.45	Hot Spot.
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
Main CB of 220/100KV 200 MVA ICTIII @ Padgha	22/05/2013	10.46		Continued.	Repl.of A and B bus isolator.ICT on TBC.
220/132 KV 200 MVA ICT-II @ Boiser	12/09/2013	13.45		Continued.	CB Compressor Motor problem(Taken on TBC)
Pedambe-Newkoyna	23/09/2013	08.52	23/09/2013	17.35	Q.M.Work
Ambazari-Amravati	23/09/2013	09.13	23/09/2013	15.11	Testing work.
Kandalgaon - Dasturi	23/09/2013	09.16	23/09/2013	14.50	Q.M.Work.
Tilawani-Miraj	23/09/2013	09.58	23/09/2013	15.21	Q.M.Work.
Mudshing - Talandage - II	23/09/2013	10.13	23/09/2013	13.24	Q.M.Work.
Nasik - Ghatghar	23/09/2013	10.23	23/09/2013	13.27	Hot Spot at bottom of W/T.
TBC @ Butibori	23/09/2013	10.30	23/09/2013	12.30	Tan delts measurement of CT's and bay maintenance.
Apta-HOC	23/09/2013	10.49	23/09/2013	18.00	Hot Spot at HOCL end.
Badnera - Deoli (PGCIL)	23/09/2013	10.58	23/09/2013	16.54	Testing work.
220/132KV 150 MVA ICT 3 at Nasik OCR	23/09/2013	11.52		Continued.	Testing work.(3Days)
Voltage Level : 400KV			Outage Type FORCED OUTAGE		
TBC Breaker @ Bhusawal	07/09/2013	22.38		Continued.	Y Phase Breaker Pole Stucked up, hence TBC Brkr Mechanically H/T.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
400/220 KV 100 MVA	12/07/2012	07.11		Continued.	Main Buchholz prot.operated

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 23/Sep/2013

Position as on 6.30 Hrs of 24/Sep/2013

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
Spare Unit @ Koradi					
Deepnagar-Aurangabad-I	07/09/2013	22.56		Continued.	Over Voltage.
Karad - Newkoyna - I	18/09/2013	01.54		Continued.	Over Voltage
Karad-Jaigad I	23/09/2013	00.01	23/09/2013	09.39	Over Voltage.
Lonikand- Koyna Stage IV	23/09/2013	00.04	23/09/2013	09.02	Over Voltage.
Lonikand- Koyna Stage IV	23/09/2013	22.56		Continued.	Over Voltage.
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Chikhali - Jalna - II	24/07/2013	19.26		Continued.	To Avoid Overloading by Taking Line in Grid,Handtripped @ Chikhali End Only.
Voltage Level : 400KV			Outage Type TRIPPED		
Dabhol - New Koyna - I	07/09/2013	01.24		Continued.	Over Voltage.
Chandrapur - Parli - II	21/09/2013	15.18		Continued.	Over Voltage.
Karad - Kolhapur - II	21/09/2013	23.57		Continued.	Over Voltage.
Koradi - New Koradi	22/09/2013	06.04		Continued.	Over Voltage.
Akola - Indiabull (Nandgaonpeth)	22/09/2013	15.01	23/09/2013	06.51	Over Voltage.
Koradi - II - Indiabull	23/09/2013	00.01	23/09/2013	09.14	Over Voltage.
Karad - Kolhapur - I	23/09/2013	03.37	23/09/2013	06.51	Over Voltage.
Karad-Jaigad I	24/09/2013	02.07		Continued.	Over Voltage.
Karad - Kolhapur - I	24/09/2013	03.32	24/09/2013	06.37	Over Voltage.
Voltage Level : 220KV			Outage Type TRIPPED		
220/100 KV,200MVA ICT - I at Padgha	07/06/2013	17.48		Continued.	Diff.Protection
Voltage Level : 132KV			Outage Type TRIPPED		
Paras-Patur	23/09/2013	18.46	23/09/2013	19.05	Dist Prot.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 24/Sep/2013

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 5	200	0
Unit 6	210	170
Unit 7	210	0
	620	170
Bhusawal		
Unit 2	210	140
Unit 3	210	140
Unit 4	500	350
Unit 5	500	
	1420	630
Parli		
Unit 3	210	0
Unit 4	210	135
Unit 5	210	120
Unit 6	250	182
Unit 7	250	180
	1130	617
Chandrapur		
Unit 1	210	130
Unit 2	210	75
Unit 3	210	180
Unit 4	210	200
Unit 5	500	0
Unit 6	500	300
Unit 7	500	250
	2340	1135
Paras		
Unit 3	250	200
Unit 4	250	200
	500	400
Khaparkheda		
Unit 1	210	190
Unit 2	210	160
Unit 3	210	190
Unit 4	210	190
Unit 5	500	0
	1340	730
Nasik		
Unit 3	210	190
Unit 4	210	190
Unit 5	210	190
	630	570
Uran		
All Units	852	440
	852	440
PENCH (MS)		
Pench (MS)	53	
	53	
Koyna		
Stage 1-2	600	600
Stage 4	1000	250
Stage 3	320	240
	1920	1090
Hydro		
KDPH	40	0
VTRNA	60	0

Generating unit	Derated Capacity (MW)	OLC (MW)
TILLARI	60	60
BHTGR/VEER	21	10
BHIRA T.R.	80	40
RNGR+BHTSA	20	15
BHANDARDRA	45	0
ELDARY	23	
SMLHY PTN	12	12
GHATGHAR	250	0
	611	137
Wind		
MalharPeth	0	
Vankuswadi	0	
ATIT	0	
Kale	0	
Satara	0	
Shirala	0	
K Mahankal	0	
Supa	0	
Vita	0	
Dondaicha	0	
Sakri	0	
Nandurbar	0	
Khandke	0	
Khaparale	0	
	0	
CPP		
JSW JAIGAD	1200	780
WARDHA	405	320
Adani	1320	1234
Other CPPs	300	400
	3225	2734
Tata		
Trombay 4	150	0
Trombay 5	500	500
Trombay 6	500	0
Trombay 7A	120	120
Trombay 7B	60	0
Trombay 8	250	250
TATA Hydro	444	447
	2024	1317
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3455	3805
	3455	3805