



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

State Load Dispatch Center, Airoli

Daily system Report

for

28/Sep/2013

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 28/Sep/2013 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	84.999	2594.907	1) Gujrat	8.978	228.507
2) Hydro	5.552	373.087	2) Madhya Pradesh	22.678	531.018
3) Gas	12.657	293.247	3) Chattisgarh	10.500	274.110
Total MSGENCO	103.208	3261.241	4) Maharashtra	62.299	1787.949
B) 1) JSW JAIGAD	20.054	573.586	5) Goa	-5.251	-147.712
2) WPCL	7.855	208.397	6) TAPS 1&2 Injection	7.436	206.572
3) ADANI	27.310	719.400	7) RGPPL Injection	0.000	0.000
4) Other CPP / IPP	14.085	343.467	8) Pench (Excess)	-1.053	-19.426
5) Wind Generation	11.182	291.523	# Total Cent. Sector	105.587	2861.018
6) PENCH (MS)	1.053	19.426	F) Other Exchanges		
C) TPCL & REL			1) With TPCL (Excess)	-20.459	-558.729
1) TPCL Thermal	19.788	528.403	G) Bilateral Power *		
2) TPCL Hydro	1.960	124.126	1) MSEDCL Bilateral	11.984	360.374
TOTAL TPCL	21.748	652.529	Include PX	0.000	11.317
3) REL Thermal	11.865	338.916	2) MUMBAI Bilateral	18.814	506.244
D) STATE			Include PX	3.662	128.027
1) Thermal (A1+C1+C3)	116.652	3462.226	3) MUMBAI Schedule	18.814	506.784
2) Hydro (A2+B5+C2)	8.565	516.639	H) ENERGY CATERED (MUs)		
3) Gas (A3)	12.657	293.247	1) MSEDCL	269.875	7719.329
4) Wind (B4)	11.182	291.523	2) TPCL	34.879	1005.072
5) CPP (B1+B2+B3)	69.304	1152.760	3) REL	19.194	545.123
TOTAL STATE	218.360	5716.395	TOTAL STATE	323.948	9269.524

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 11 Hrs	B. Evening Peak at 20 Hrs	C. Night Minimum at 4 Hrs
MSGENCO Thermal	3552	3447	3628
MSGENCO Hydro	474	487	116
MSGENCO Gas	547	506	537
MSGENCO Total Generation	4573	4440	4281
Central Sector Receipt	4982	4412	3469
WIND	379	558	412
CPP / IPP	3000	2996	2419
Exchange with Mumbai	-1150	-874	-477
MSEDCL DEMAND MET	11819	11586	10157
Load Shedding	62	340	56
MSEDCL DEMAND	11881	11926	10213
TPCL GENERATION	1024	1245	705
R-INFRA GENERATION	520	521	409
TPCL+R-INFRA DEMAND	2694	2640	1591
STATE DEMAND MET	14513	14226	11748
STATE DEMAND	14575	14566	11804
Frequency (Hz)	50.07	50.04	50.03

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.42 Hz at 16.58 Hrs	49.61 Hz at 18.50 Hrs	50.06	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 28/Sep/2013

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 5	2.81	49.50	130	104	125
Unit 6	0.00	58.09	0	0	0
Unit 7	0.00	0.00	0	0	0
Total	2.81	107.60			125
Bhusawal					
Unit 2	3.22	57.35	145	120	140
Unit 3	2.98	93.39	140	110	140
Unit 4	0.03	184.15	30	0	0
Unit 5	5.00	147.52	250	180	0
Total	11.24	482.40			280
Parli					
Unit 3	0.00	0.00	0	0	0
Unit 4	3.25	91.46	158	123	150
Unit 5	3.65	17.70	163	140	155
Unit 6	4.28	123.38	199	140	185
Unit 7	3.40	121.39	209	0	190
Total	14.58	353.93			680
Chandrapur					
Unit 1	2.12	70.37	116	63	100
Unit 2	2.08	75.65	118	59	100
Unit 3	0.88	77.98	116	0	120
Unit 4	2.85	101.15	137	75	140
Unit 5	0.00	0.00	0	0	0
Unit 6	5.97	202.67	310	205	300
Unit 7	7.40	211.60	356	249	350
Total	21.29	739.42			1110
Paras					
Unit 3	4.52	122.82	216	169	190
Unit 4	4.73	119.25	225	145	180
Total	9.25	242.08			370
Khaparkheda					
Unit 1	3.40	95.57	175	120	180
Unit 2	2.92	49.45	185	0	160
Unit 3	3.43	99.16	159	124	190
Unit 4	3.68	103.06	166	144	190
Unit 5	0.00	0.00	0	0	0
Total	13.42	347.24			720
Nasik					
Unit 3	4.14	101.12	195	160	190
Unit 4	4.11	105.21	197	160	190
Unit 5	4.16	115.91	193	164	190
Total	12.42	322.24			570
Uran					
All Units	12.66	293.25	609	488	515
Total	12.66	293.25			515
PENCH (MS)					
Pench (MS)	1.05	19.43	54	20	0
Total	1.05	19.43			0
Koyna					
Stage 1-2	1.44	102.37	185	35	600
Stage 4	0.32	141.68	229	0	250
Stage 3	0.72	57.08	136	0	240
Kovna 12&4 Total	1.76	244.04			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Total	2.48	301.13			1090
Hydro					
KDPH	0.00	4.70	0	0	0
VTRNA	0.00	6.31	0	0	60
TILLARI	0.23	7.02	58	0	60
BHTGR/VEER	0.06	2.64	3	2	0
BHIRA T.R.	0.26	10.59	41	0	40
RNGR+BHTSA	0.40	8.31	17	16	15
BHANDARDRA	0.57	8.09	34	14	20
ELDARY	0.00	0.00	0	0	0
SMLHY PTN	0.68	10.93	29	28	0
GHATGHAR	0.88	13.38	250	0	0
Total	3.08	71.96			195
Wind					
MalharPeth	0.31	9.47			
Vankuswadi	0.68	16.38			
ATIT	0.10	3.03			
Kale	0.26	6.57			
Satara	3.58	74.96			
Shirala	0.22	5.84			
K Mahankal	0.06	2.07			
Supa	0.15	5.00			
Vita	2.34	35.19			
Dondaicha	1.97	85.03			
Sakri	0.48	12.86			
Nandurbar	0.10	7.62			
Khandke	0.57	15.73			
Khaparale	0.36	11.77			
Total	11.18	291.52			
CPP					
JSW JAIGAD	20.05	573.59	873	763	782
WARDHA	7.86	208.40	343	311	330
Adani	27.31	719.40	1230	850	1234
Other CPPs	14.08	343.47			400
Total	69.30	1844.85			2746
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	10.18	307.27	502	316	500
Trombay 6	0.00	0.00	0	0	0
Trombay 7A	2.92	46.89	133	105	120
Trombay 7B	1.65	19.56	72	64	60
Trombay 8	5.04	154.68	252	177	250
TATA Hydro	1.96	124.13	321	0	447
Total	21.75	652.53			1377
REL					
1&2	11.86	338.92	522	407	500
Total	11.86	338.92			500
Cent Sect					
Share					4307
Total					4307

MS PG CL	Thermal	85.00	2594.91			3855
	Thml+Gas	97.66	2888.15			4370
	Hydro	5.55	373.09			1285
	Total	103.21	3261.24			5655
State Total		218.36	5716.40			14585

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 28/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	3674	118	532	4324	359	2701	3411	3717	-728	-783	10370	88	10458	1885	12343	50.00
2	3514	263	532	4309	398	2469	3136	3672	-490	-597	10300	56	10356	1724	12080	49.97
3	3593	148	533	4274	461	2466	3100	3413	-433	-469	10198	56	10254	1642	11896	49.98
4	3628	116	537	4281	412	2419	3088	3469	-420	-477	10157	56	10213	1591	11804	50.03
5	3675	110	557	4342	403	2465	3377	3817	-469	-438	10643	56	10699	1589	12288	50.01
6	3721	105	556	4382	406	2741	3760	4362	-555	-480	11459	78	11537	1683	13220	50.11
7	3749	100	609	4458	361	2925	4023	4637	-664	-600	11802	119	11921	1786	13707	50.23
8	3704	135	601	4440	318	2987	4068	4577	-706	-649	11695	120	11815	1910	13725	50.23
9	3740	292	520	4552	360	3003	4190	4319	-829	-718	11540	98	11638	2153	13791	50.19
10	3729	354	510	4593	414	3073	4448	4669	-1083	-976	11798	69	11867	2449	14316	50.13
11	3552	474	547	4573	379	3000	4374	4982	-997	-1150	11819	62	11881	2694	14575	50.07
12	3540	596	513	4649	369	3054	4371	4568	-995	-1071	11620	77	11697	2762	14459	50.00
13	3584	410	507	4501	422	3024	4412	4951	-1038	-1197	11754	163	11917	2729	14646	50.00
14	3383	232	507	4122	449	3042	4401	4892	-1025	-1187	11365	107	11472	2635	14107	50.08
15	3325	222	501	4048	469	3056	4396	4803	-1020	-1097	11332	82	11414	2592	14006	50.00
16	3366	213	516	4095	559	3037	4388	5005	-1011	-1044	11705	64	11769	2597	14366	50.11
17	3453	143	495	4091	690	2970	4205	4620	-905	-1139	11286	67	11353	2580	13933	50.08
18	3371	119	488	3978	725	2984	3987	4236	-849	-1193	10783	169	10952	2542	13494	50.06
19	3474	344	504	4322	565	2972	4239	4549	-773	-885	11576	183	11759	2569	14328	49.93
20	3447	487	506	4440	558	2996	4274	4412	-808	-874	11586	340	11926	2640	14566	50.04
21	3448	240	523	4211	504	3002	4297	4714	-805	-917	11566	229	11795	2559	14354	50.07
22	3481	123	523	4127	455	2975	4250	4753	-778	-872	11491	132	11623	2395	14018	50.15
23	3438	104	521	4063	502	2997	4143	4348	-766	-807	11123	98	11221	2245	13466	50.02
24	3408	104	519	4031	644	2946	4042	4096	-666	-839	10899	98	10997	2121	13118	50.01
MUs	85.00	5.55	12.66	103.21	11.18	69.30	96.38	105.58	-18.81	-20.46	269.87	2.67	272.53	54.07	326.61	50.06

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 28/Sep/2013

Position as on 6.30 Hrs of 29/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	
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	
Khaparkheda Unit 5	500	26/08/2013	21.37		Continued.	Annual Overhaul	
Cent_Sect TARAPUR-4	540	07/09/2013	01.17		Continued.	Maintenance Work.	
Koyna Unit 8	80	28/09/2013	07:55	28/09/2013	19:15	Bus Section-II Outage.	
Koyna Unit 5	80	28/09/2013	07:55	28/09/2013	20:35	Bus Section-II Outage.	
Koyna Unit 7	80	28/09/2013	08:05	28/09/2013	19:20	Bus Section-II Outage.	
Koyna Unit 6	75	28/09/2013	08:15	28/09/2013	19:45	Bus Section-II Outage.	
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.	Gas Shortage	
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.	Boiler Tube Leakage	
CPP WPCL U-3	135	16/09/2013	21.19		Continued.	ESP Bag filter repl.	
Koradi Unit 6	210	27/09/2013	00.20		Continued.	Air Heater Jam	
Bhusawal Unit 4	500	28/09/2013	00.25	29/09/2013	19.37	Ash Handling Problem	
Chandrapur Unit 3	210	28/09/2013	09:37	29/09/2013	02:16	CHP Bunkering Problem.	
Parli Unit 7	250	28/09/2013	13:01	28/09/2013	17:52	Tripped Gen. Protection.	
Khaparkheda Unit 2	210	28/09/2013	19:35	28/09/2013	21:47	Flame failure.	
Koradi Unit 5	200	29/09/2013	01:27		Continued.	ID Fan Problem.	

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 28/Sep/2013

Position as on 6.30 Hrs of 29/Sep/2013

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
InterState					
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Kolhapur - Mapusa - I	19/09/2013	16.47	28/09/2013	12:44	Over Voltage.
Dhule-Sar'Sarovar - I	22/09/2013	15.23		Continued.	Over Voltage.
Kolhapur - Mapusa - I	28/09/2013	18:01		Continued.	Over Voltage.
Solapur - Solapur (PG)	28/09/2013	21:46	29/09/2013	07.02	Over Voltage.
Solapur - Solapur (PG)	29/09/2013	20.53		Continued.	Over Voltage.
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.
Karad - Solapur (PGCIL)	28/09/2013	03.26	28/09/2013	07:53	Over Voltage.
Padgha-Bhoisor (PGCIL)	28/09/2013	03.34	28/09/2013	04.38	Over Voltage.
Padgha-Tarapur - II	28/09/2013	04.14	28/09/2013	04.35	Over Voltage.
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
Dabhol-Nagothane-II	18/09/2013	10.51	28/09/2013	08:41	Tree Cutting work, ready for charging 17.22Hrs
Dabhol - New Koyna - I	26/09/2013	18.50		Continued.	Chattering Noise at Loc.No.47
Padgha - Nagothane - I	28/09/2013	08:26	29/09/2013	09.02	Repl.of CVT.at Nagothane end.(Ready for Charging at 23:42Hrs.DT:28/09/2013.)
Warora-Chandrapur- II, Ckt II	29/09/2013	17.35	29/09/2013	17.37	First time line charge.
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
Borivali - Bhandup (GIS)	28/09/2013	06:09	28/09/2013	08:36	Hot Spot,and R.M. Work.
Pophali - Pedambe - II	28/09/2013	07:55	28/09/2013	19:22	220 KV Bus Sec-2 Outage.
Pophali-New Koyna	28/09/2013	08:04	28/09/2013	18:36	220 KV Bus Sec-2 Outage.
Pophali - Karad	28/09/2013	08:35	28/09/2013	19:55	220 KV Bus Sec-2 Outage.
Pophali 220KV Main Bus-II	28/09/2013	08:50	28/09/2013	18:36	Maint. Work.
Pophali 220KV Bus section breaker.	28/09/2013	08:50	28/09/2013	18:40	220 KV Bus Sec-2 Outage.
Chinchwad-Flagship	28/09/2013	09:02	28/09/2013	17:31	Repl. of line Isolator and LA.
Babaleshwar - Alephata	28/09/2013	09:08	28/09/2013	18:41	Repl. of Insulator.
Borivali - Salsette - II	28/09/2013	09:19	28/09/2013	18:16	Line Maint. Work.
Theur - Magarpatta	28/09/2013	09:25	28/09/2013	23:04	Maint. Work.
Mulund - Bhandup (GIS)	29/09/2013	06.16	29/09/2013	09.05	Red Hot.on Loc no. 22 B & 20 B.
Trombay-Salset-II	29/09/2013	07.50	29/09/2013	21.37	Repl.of conductor.
Kalwa - Khargar	29/09/2013	09.29	29/09/2013	19.09	Repl.of CT.
Borivali - Salset - I	29/09/2013	10.18	29/09/2013	17.06	To attend hot spot.
Aarey - Goregaon	29/09/2013	10.52	29/09/2013	13.50	To work on 33KV Multi ckt tower safety purpose.
Voltage Level : 400KV			Outage Type HAND TRIPPED		

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 28/Sep/2013

Position as on 6.30 Hrs of 29/Sep/2013

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
400/220 KV 100 MVA Spare Unit @ Koradi	12/07/2012	07.11		Continued.	Main Buchholz prot.operated
Deepnagar-Aurangabad-I	07/09/2013	22.56		Continued.	Over Voltage.
Karad-New Koyna II	26/09/2013	23.50		Continued.	Over Voltage
Khadka - Deepnagar - I	27/09/2013	12.15		Continued.	Over Voltage.(Ready for Charging from 00.51 dt 28.9.13)
Lonikand- Koyna Stage IV	28/09/2013	00.00	28/09/2013	07:40	Over Voltage.
Dabhol-Nagothane - II	28/09/2013	21:34		Continued.	Over Voltage.
Lonikand- Koyna Stage IV	28/09/2013	23:48	29/09/2013	08.42	Over Voltage.
Lonikand- Koyna Stage IV	29/09/2013	23.55		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 : 132KV			Outage Type HAND TRIPPED		
Khadka-Deepnagar-II	29/09/2013	06.07	29/09/2013	13.40	Sparking observed on B-Ph WT.
Voltage Level : 400KV			Outage Type TRIPPED		
Chandrapur - Parli - II	21/09/2013	15.18	29/09/2013	11.09	Over Voltage.
Koradi - New Koradi	22/09/2013	06.04		Continued.	Over Voltage.
Karad-Jaigad I	27/09/2013	21.56	28/09/2013	09:11	Over Voltage.
Karad - Kolhapur - II	27/09/2013	23.28	28/09/2013	07:42	Over Voltage.
Kolhapur-Karad -I	28/09/2013	03.26	28/09/2013	07.01	Over Voltage.
Padgha - Kharghar	28/09/2013	04.14	28/09/2013	07:27	Over Voltage.
Karad - Kolhapur - II	29/09/2013	03:46	29/09/2013	07.44	Over Voltage.
Karad-Kolhapur-II	29/09/2013	17.02		Continued.	Over Voltage.
Karad-Jaigad I	29/09/2013	23.25		Continued.	Over Voltage.
Voltage Level : 220KV			Outage Type TRIPPED		
220/100 KV,200MVA ICT - I at Padgha	07/06/2013	17.48		Continued.	Diff.Protection
Miraj -Ichalkarajni	26/09/2013	22.00		Continued.	Over Load

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 29/Sep/2013

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 5	200	0
Unit 6	210	0
Unit 7	210	0
	620	0
Bhusawal		
Unit 2	210	140
Unit 3	210	140
Unit 4	500	0
Unit 5	500	0
	1420	280
Parli		
Unit 3	210	0
Unit 4	210	150
Unit 5	210	170
Unit 6	250	220
Unit 7	250	220
	1130	760
Chandrapur		
Unit 1	210	125
Unit 2	210	120
Unit 3	210	100
Unit 4	210	160
Unit 5	500	0
Unit 6	500	325
Unit 7	500	325
	2340	1155
Paras		
Unit 3	250	200
Unit 4	250	200
	500	400
Khaparkheda		
Unit 1	210	180
Unit 2	210	160
Unit 3	210	190
Unit 4	210	190
Unit 5	500	0
	1340	720
Nasik		
Unit 3	210	190
Unit 4	210	190
Unit 5	210	190
	630	570
Uran		
All Units	852	515
	852	515
PENCH (MS)		
Pench (MS)	53	0
	53	0
Koyna		
Stage 1-2	600	600
Stage 4	1000	250
Stage 3	320	240
	1920	1090
Hydro		
KDPH	40	0
VTRNA	60	60

Generating unit	Derated Capacity (MW)	OLC (MW)
TILLARI	60	60
BHTGR/VEER	21	5
BHIRA T.R.	80	40
RNGR+BHTSA	20	15
BHANDARDRA	45	10
ELDARY	23	0
SMLHY PTN	12	5
GHATGHAR	250	0
	611	195
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	782
WARDHA	405	330
Adani	1320	1234
Other CPPs	300	395
	3225	2741
Tata		
Trombay 4	150	0
Trombay 5	500	500
Trombay 6	500	0
Trombay 7A	120	120
Trombay 7B	60	60
Trombay 8	250	250
TATA Hydro	444	447
	2024	1377
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3455	4168
	3455	4168