



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

State Load Dispatch Center, Airoli

Daily system Report

for

01/Apr/2013

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 01/Apr/2013 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	108.533	108.533	1) Gujrat	21.419	21.419
2) Hydro	8.552	8.552	2) Madhya Pradesh	24.305	24.305
3) Gas	11.992	11.992	3) Chattisgarh	10.310	10.310
Total MSGENCO	129.077	129.077	4) Maharashtra	75.292	75.292
B) 1) JSW JAIGAD	20.657	20.657	5) Goa	-6.029	-6.029
2) WPCL	5.859	5.859	6) TAPS 1&2 Injection	0.000	0.000
3) ADANI	14.540	14.540	7) RGPPL Injection	0.000	0.000
4) Other CPP / IPP	7.869	7.869	8) Pench (Excess)	-0.324	-0.324
5) Wind Generation	9.193	9.193	# Total Cent. Sector	124.973	124.973
6) PENCH (MS)	0.324	0.324	F) Other Exchanges		
C) TPCL & REL			1) With TPCL (Excess)	-11.263	-11.263
1) TPCL Thermal	28.219	28.219	G) Bilateral Power *		
2) TPCL Hydro	4.191	4.191	1) MSEDCL Bilateral	57.699	57.699
TOTAL TPCL	32.410	32.410	Include PX	18.775	18.775
3) REL Thermal	12.601	12.601	2) MUMBAI Bilateral	12.855	12.855
D) STATE			Include PX	4.057	4.057
1) Thermal (A1+C1+C3)	149.353	149.353	3) MUMBAI Schedule	12.855	12.855
2) Hydro (A2+B5+C2)	13.067	13.067	H) ENERGY CATERED (MUs)		
3) Gas (A3)	11.992	11.992	1) MSEDCL	301.229	301.229
4) Wind (B4)	9.193	9.193	2) TPCL	37.410	37.410
5) CPP (B1+B2+B3)	48.925	48.925	3) REL	18.863	18.863
TOTAL STATE	232.530	232.530	TOTAL STATE	357.502	357.502

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 12 Hrs	B. Evening Peak at 17 Hrs	C. Night Minimum at 5 Hrs
MSGENCO Thermal	4602	4521	4569
MSGENCO Hydro	538	273	151
MSGENCO Gas	441	464	467
MSGENCO Total Generation	5581	5258	5187
Central Sector Receipt	6617	5985	4400
WIND	17	509	361
CPP / IPP	2081	2094	2040
Exchange with Mumbai	-772	-673	-15
MSEDCL DEMAND MET	13524	13173	11973
Load Shedding	747	501	238
MSEDCL DEMAND	14271	13674	12211
TPCL GENERATION	1694	1610	1119
R-INFRA GENERATION	525	525	526
TPCL+R-INFRA DEMAND	2991	2808	1660
STATE DEMAND MET	16515	15981	13633
STATE DEMAND	17262	16482	13871
Frequency (Hz)	49.81	50.01	49.88

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.37 Hz at 17.46 Hrs	49.42 Hz at 19.11 Hrs	49.9	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 01/Apr/2013

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 5	0.00	0.00	0	0	0
Unit 6	4.20	4.20	185	164	170
Unit 7	4.37	4.37	195	165	185
Total	8.58	8.58			355
Bhusawal					
Unit 2	2.78	2.78	170	0	60
Unit 3	3.61	3.61	175	0	160
Unit 4	0.32	0.32	120	0	0
Unit 5	6.27	6.27	335	62	
Total	12.98	12.98			220
Parli					
Unit 3	0.00	0.00	0	0	0
Unit 4	0.00	0.00	0	0	0
Unit 5	0.00	0.00	0	0	0
Unit 6	0.00	0.00	0	0	0
Unit 7	0.00	0.00	0	0	0
Total	0.00	0.00			0
Chandrapur					
Unit 1	3.15	3.15	133	129	145
Unit 2	3.50	3.50	156	125	150
Unit 3	4.47	4.47	202	167	200
Unit 4	4.08	4.08	187	135	200
Unit 5	9.54	9.54	410	360	425
Unit 6	10.35	10.35	445	390	450
Unit 7	9.79	9.79	445	370	425
Total	44.87	44.87			1995
Paras					
Unit 3	6.05	6.05	261	243	250
Unit 4	5.92	5.92	263	208	250
Total	11.97	11.97			500
Khaparkheda					
Unit 1	4.43	4.43	200	155	190
Unit 2	3.60	3.60	165	120	190
Unit 3	4.32	4.32	205	157	200
Unit 4	4.43	4.43	207	162	200
Unit 5	0.00	0.00	0	0	0
Total	16.78	16.78			780
Nasik					
Unit 3	4.47	4.47	195	175	195
Unit 4	4.34	4.34	187	169	185
Unit 5	4.54	4.54	197	173	195
Total	13.35	13.35			575
Uran					
All Units	11.99	11.99	626	438	480
Total	11.99	11.99			480
PENCH (MS)					
Pench (MS)	0.32	0.32	53	0	
Total	0.32	0.32			
Koyna					
Stage 1-2	2.48	2.48	375	40	600
Stage 4	0.42	0.42	151	0	250
Stage 3	0.66	0.66	160	0	240
Kovna 12&4 Total	2.89	2.89			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Total	3.56	3.56			1090
Hydro					
KDPH	0.92	0.92	39	38	36
VTRNA	1.08	1.08	61	0	61
TILLARI	0.36	0.36	60	0	60
BHTGR/VEER	0.05	0.05	2	2	2
BHIRA T.R.	0.14	0.14	43	0	80
RNGR+BHTSA	0.35	0.35	15	14	14
BHANDARDRA	0.00	0.00	0	0	0
ELDARY	0.00	0.00	0	0	0
SMLHY PTN	0.89	0.89	37	37	0
GHATGHAR	1.20	1.20	250	0	0
Total	5.00	5.00			253
Wind					
MalharPeth	0.62	0.62			
Vankuswadi	0.72	0.72			
ATIT	0.34	0.34			
Kale	0.25	0.25			
Satara	0.76	0.76			
Shirala	0.52	0.52			
K Mahankal	0.44	0.44			
Supa	0.10	0.10			
Vita	1.24	1.24			
Dondaicha	2.74	2.74			
Sakri	0.35	0.35			
Nandurbar	0.40	0.40			
Khandke	0.42	0.42			
Khaparale	0.27	0.27			
Total	9.19	9.19			
CPP					
JSW JAIGAD	20.66	20.66	870	825	850
WARDHA	5.86	5.86	246	242	250
Adani	14.54	14.54	620	590	630
Other CPPs	7.87	7.87			
Total	48.92	48.92			1730
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	11.97	11.97	502	488	500
Trombay 6	5.66	5.66	475	149	500
Trombay 7A	2.98	2.98	127	121	120
Trombay 7B	1.62	1.62	68	67	60
Trombay 8	6.00	6.00	252	247	250
TATA Hydro	4.19	4.19	405	0	447
Total	32.41	32.41			1877
REL					
1&2	12.60	12.60	527	523	500
Total	12.60	12.60			500
Cent Sect					
Share					6274
Total					6274

MS PG CL	Thermal	108.53	108.53			4425
	Thml+Gas	120.52	120.52			4905
	Hydro	8.55	8.55			1343
	Total	129.08	129.08			6248
State Total		232.53	232.53			16629

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 01/Apr/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	4535	191	464	5190	404	1986	4813	5149	-421	-308	12421	150	12571	1948	14519	49.92
2	4492	191	464	5147	354	2022	4769	4826	-339	-159	12190	219	12409	1789	14198	49.88
3	4408	146	464	5018	374	2026	4519	4892	-339	-73	12237	242	12479	1692	14171	49.97
4	4493	146	465	5104	367	2025	4476	4606	-345	4	12106	255	12361	1613	13974	50.02
5	4569	151	467	5187	361	2040	4478	4400	-350	-15	11973	238	12211	1660	13871	49.88
6	4616	333	468	5417	376	2041	4476	4438	-350	-55	12217	346	12563	1678	14241	49.85
7	4652	299	456	5407	366	2037	4658	4322	-346	-197	11935	937	12872	1814	14686	49.99
8	4678	261	457	5396	179	2045	4657	4973	-344	-269	12324	847	13171	1928	15099	50.02
9	4671	377	463	5511	71	2057	4895	5099	-359	-325	12413	814	13227	2204	15431	49.95
10	4638	680	453	5771	21	2077	5567	5953	-567	-527	13295	630	13925	2561	16486	49.82
11	4530	597	445	5572	14	2087	6244	6552	-707	-639	13586	589	14175	2810	16985	49.86
12	4602	538	441	5581	17	2081	6307	6617	-769	-772	13524	747	14271	2991	17262	49.81
13	4593	219	443	5255	51	2094	6305	6370	-770	-690	13107	888	13995	2909	16904	49.90
14	4541	193	441	5175	149	2096	5874	6038	-699	-580	12891	781	13672	2794	16466	49.91
15	4560	263	438	5261	214	2085	5991	6114	-699	-602	13072	590	13662	2837	16499	49.75
16	4541	298	471	5310	288	2086	5910	6335	-718	-566	13453	501	13954	2844	16798	49.88
17	4521	273	464	5258	509	2094	5570	5985	-685	-673	13173	501	13674	2808	16482	50.01
18	4483	242	548	5273	774	1976	4693	4575	-619	-867	11758	748	12506	2705	15211	50.14
19	4412	302	602	5316	888	1981	4638	4578	-610	-882	11927	616	12543	2582	15125	49.88
20	4359	296	608	5263	940	1972	4823	4775	-675	-754	12243	650	12893	2636	15529	49.78
21	4402	324	605	5331	745	1963	4660	4499	-623	-667	11918	420	12338	2544	14882	49.81
22	4470	610	619	5699	589	1992	4492	4628	-521	-581	12380	244	12624	2419	15043	49.83
23	4463	749	620	5832	569	2026	4481	4564	-515	-579	12465	167	12632	2318	14950	49.85
24	4304	873	626	5803	572	2036	4379	4682	-485	-487	12617	134	12751	2190	14941	49.82
MUs	108.53	8.55	11.99	129.08	9.19	48.92	121.68	124.97	-12.86	-11.26	301.22	12.25	313.48	56.27	369.75	49.90

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 01/Apr/2013

Position as on 6.30 Hrs of 02/Apr/2013

Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE							
Koradi Unit 5	200	16/09/2012	04.23		Continued.	C.O.H.,Generator Stator Replacement.	12/04/2013
Parli Unit 4	210	28/11/2012	02.37		Continued.	water shortage.	
Koyna Unit 12	80	29/11/2012	08.30		Continued.	A/OH.	
Cent_Sect Tarapur 2	80	31/12/2012	17.05		Continued.	Refuelling work	
Parli Unit 6	250	25/01/2013	19.49		Continued.	Water Shortage/AOH from 06.03.2013	
Parli Unit 3	210	13/02/2013	23.50		Continued.	Water Shortage	
Parli Unit 5	210	14/02/2013	22.45		Continued.	Water Shortage	
Parli Unit 7	250	17/02/2013	01.00		Continued.	Water Shortage.	
Cent_Sect TARAPUR-3	540	30/03/2013	22.30		Continued.	AOH.	
FORCED OUTAGE							
Dabhol 1B	230	09/10/2012	13.56		Continued.	Gas Shortage.	
Dabhol 1X	290	02/11/2012	16.26		Continued.	Gas shortage.	
Dabhol 1A	230	02/11/2012	16.27		Continued.	Gas shortage.	
Dabhol 2B	230	03/01/2013	13.29		Continued.	Gas shortage.	
CPP Adani U1	660	31/01/2013	17:05		Continued.	400kV Tirora-Warora isolator sparking	
CPP WPCL U-4	135	04/02/2013	19.16		Continued.	ID fan vibration problem.	
Dabhol 2A	230	06/02/2013	21.32		Continued.	Gas Shortage	
Dabhol 2X	290	06/02/2013	21.32		Continued.	Gas Shortage	
Dabhol 3B	230	21/02/2013	23.08		Continued.	Gas shortage.	
CPP JSW (J) U1	300	27/02/2013	21:15	02/04/2013	04.37	Bearing Vibration Problem.	
Cent_Sect Tarapur 1	80	04/03/2013	05.30		Continued.	Pressure Pump Seal Leakage.	
Koyna ST - IV 3	250	28/03/2013	13.00		Continued.	Sphercul Valve Oil Tank Water Ingrace Upto 03/04/2013.	
Bhusawal Unit 2	210	29/03/2013	00.45	01/04/2013	04.30	I D Fan Problem.	
Bhusawal Unit 4	500	29/03/2013	14.51	01/04/2013	20.27	Boiler Tube Leakage	
CPP WPCL U-1	135	30/03/2013	00.10		Continued.	Bottam Ash Problem.	
Khaparkheda Unit 5	500	30/03/2013	17.23		Continued.	High Furnance Pressure Tripped on Electrical Fault.	
Dabhol 3X	290	31/03/2013	12.45		Continued.	Gas Shortage.	
Dabhol 3A	230	31/03/2013	12.49		Continued.	Gas Shortage.	
Bhusawal Unit 3	210	01/04/2013	09.38	01/04/2013	11.10	Axial Shift High.	
Bhusawal Unit 5	500	01/04/2013	23.32		Continued.	Main Steam Temp. Low.	
Uran Unit 5	108	02/04/2013	05.25		Continued.	Gas Skid.	

State Load Dispatch Center,Airoli (MSETCL)
Details of Generating Unit Outages/Trippings for 01/Apr/2013

Position as on 6.30 Hrs of 02/Apr/2013

Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
Uran Unit 6	108	02/04/2013	05.25	02/04/2013	06.53	Gas Skid	
Uran Unit 7	108	02/04/2013	05.25	02/04/2013	06.39	Gas Skid	
Uran Unit 8	108	02/04/2013	05.25	02/04/2013	06.57	Gas Skid	
Uran Unit A0	120	02/04/2013	05.25		Continued.	Gas Skid	
Uran Unit B0	120	02/04/2013	05.25		Continued.	Gas Skid	

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 01/Apr/2013

Position as on 6.30 Hrs of 02/Apr/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	31/03/2013	16.10	01/04/2013	09.01	Over Voltage.
Wardha - Seoni - I	31/03/2013	17.19		Continued.	Over Voltage.
Kolhapur-Solapur (PG) II	01/04/2013	11.28		Continued.	Over Voltage.
Kolhapur-Mapusa-II	01/04/2013	16.33		Continued.	Over Voltage.
Voltage Level : 400KV			Outage Type TRIPPED		
Warora - Tiroda - II	18/03/2013	16.15		Continued.	Over Voltage,while charging Warora-Tiroda I first time charge.
Karad - Solapur (PGCIL)	31/03/2013	17.07	01/04/2013	06.52	Over Voltage.
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
Koradi-Khaparkheda-I	14/03/2013	10.05		Continued.	Erection of 3 No's of 400KV CT,CT Testing & CB Trials,Tie Bkr @ K'kheda Out.Line in Service.
Karad - Newkoyna - I	01/04/2013	09.14	02/04/2013	06.42	Q.M.Work,Ready for Charging @ 17.10 Hrs.
400/220KV,315MVA ICT-I at Karad	01/04/2013	09.56	01/04/2013	18.48	Hot Spot Attending & Tan Delta Testing Work.
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
220/100KV 200 MVA ICT-I @ Padgha	06/03/2013	11.41		Continued.	Isolator replacement work(Up to 30/3/13)
220/100KV 200MVA ICT-IV at Kalwa	20/03/2013	08.24		Continued.	Repl.of LV Bkr,up to 03.04.2013
Padgha-Vasai	25/03/2013	15.12		Continued.	On TBC at Padgha for Bkr repl. work.
Bus Coupler @ Boiser	31/03/2013	09.33		Continued.	Bkr Repl.work under JICA.
220/132KV 200MVA ICT-II at Amravati	01/04/2013	09.08	01/04/2013	17.35	Q.M.Work,Attending Hot Spot on Isolator.
Dhule - Dondaicha	01/04/2013	10.35	01/04/2013	14.20	Replacement of Control & Relay Panel.
Alephata-Kathapur	01/04/2013	10.48	01/04/2013	18.22	Load of Kathapur Shifted on Lnkd to Control Bblsr-Alephata Line.
Voltage Level : 132KV			Outage Type PLANNED OUTAGE		
Whirlpool - Ismit	08/03/2013	08.45		Continued.	Erection of Tower & D/C String of New Conductor Outage Upto 30/3/2013.
Voltage Level : 400KV			Outage Type FORCED OUTAGE		
Wardha-Warora-II	30/03/2013	17.59	01/04/2013	13.10	Red Hot on Insulator.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
400/220 KV 100 MVA Spare Unit @ Koradi	12/07/2012	07.11		Continued.	Main Buchholz prot.operated
400/220 KV 105 MVA Spare ICT Unit @ Bhusawal - II	02/02/2013	10.17		Continued.	Low Oil Pressure Alarm Received.
400/220KV 500MVA ICT-II at Warora	07/02/2013	17.57		Continued.	Handtripped
Khadka - Deepnagar - II	07/03/2013	06.17		Continued.	Over Voltage.
Aurangabad-Deepnagar-II	21/03/2013	11.15		Continued.	Hand Tripped
Bhusawal- Aurangabad	30/03/2013	17.04	01/04/2013	08.51	Over Voltage.
Karad - Kolhapur - I	31/03/2013	16.05	01/04/2013	06.52	Over Voltage.
New Koyna - Dabhol - I	31/03/2013	16.42	01/04/2013	09.09	Over Voltage.
Bhusawal- Aurangabad	01/04/2013	16.32		Continued.	Over Voltage.

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 01/Apr/2013

Position as on 6.30 Hrs of 02/Apr/2013

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
Karad - Kolhapur - I	01/04/2013	16.39		Continued.	Over Voltage.
Dabhol - New Koyna - I	02/04/2013	00.55		Continued.	Over Voltage.
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Chikhali - Jalna - II	04/02/2013	23.36		Continued.	Due to over loading.
Chandrapur - Chandrapur MIDC	01/04/2013	17.27	01/04/2013	19.33	Sparking @ Y Ph. Line Isolator.
Voltage Level : 400KV			Outage Type TRIPPED		
400/11.5KV 90 MVA STN T/F III @ 400KV C'PUR	25/09/2012	15.38		Continued.	Differential protection operated Declared Faulty by Genco.
Karad-Jaigad I	31/03/2013	17.07	01/04/2013	07.36	Over Voltage.
Chandrapur - Parli - II	01/04/2013	17.19	01/04/2013	20.31	Dist.Prot. Y Ph. to B Ph.
Koradi - II - Indiabull	01/04/2013	18.04		Continued.	Over Voltage.
Voltage Level : 220KV			Outage Type TRIPPED		
Borivali(M)-Borivali(Rel) 1	31/03/2013	21.56		Continued.	Line diff prot,dist,prot tripped at both ends.
Bale-Usmanabad	01/04/2013	10.18		Continued.	Dist.Prot. Y Ph.
Chandrapur MIDC-GEPL Ckt.I	01/04/2013	17.07	01/04/2013	17.31	Distance Protection Operated Z-I B Ph.
Chandrapur MIDC-GEPL Ckt.I	01/04/2013	18.01	01/04/2013	18.21	Distance Protection Operated Z-I B Ph.
Chandrapur MIDC-GEPL Ckt.I	01/04/2013	19.38	01/04/2013	20.06	Distance Protection Operated Z-I B Ph.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 02/Apr/2013

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 5	200	0
Unit 6	210	170
Unit 7	210	165
	620	335
Bhusawal		
Unit 2	210	134
Unit 3	210	143
Unit 4	500	215
Unit 5	500	
	1420	492
Parli		
Unit 3	210	0
Unit 4	210	0
Unit 5	210	0
Unit 6	250	0
Unit 7	250	0
	1130	0
Chandrapur		
Unit 1	210	145
Unit 2	210	150
Unit 3	210	200
Unit 4	210	150
Unit 5	500	425
Unit 6	500	450
Unit 7	500	400
	2340	1920
Paras		
Unit 3	250	250
Unit 4	250	250
	500	500
Khaparkheda		
Unit 1	210	190
Unit 2	210	190
Unit 3	210	200
Unit 4	210	200
Unit 5	500	0
	1340	780
Nasik		
Unit 3	210	195
Unit 4	210	185
Unit 5	210	195
	630	575
Uran		
All Units	852	640
	852	640
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	36
VTRNA	60	61

Generating unit	Derated Capacity (MW)	OLC (MW)
TILLARI	60	60
BHTGR/VEER	21	2
BHIRA T.R.	80	40
RNGR+BHTSA	20	14
BHANDARDRA	45	0
ELDARY	23	0
SMLHY PTN	12	0
GHATGHAR	250	0
	611	213
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	850
WARDHA	405	250
Adani	1320	630
Other CPPs	0	
	2925	1730
Tata		
Trombay 4	150	0
Trombay 5	500	500
Trombay 6	500	500
Trombay 7A	120	120
Trombay 7B	60	60
Trombay 8	250	250
TATA Hydro	444	447
	2024	1877
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3455	5941
	3455	5941