



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

State Load Dispatch Center, Airoli

Daily system Report

for

11/Aug/2013

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 11/Aug/2013 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	73.813	718.673	1) Gujrat	11.439	102.440
2) Hydro	8.217	161.560	2) Madhya Pradesh	18.407	212.771
3) Gas	10.999	123.677	3) Chattisgarh	7.160	95.080
Total MSGENCO	93.029	1003.910	4) Maharashtra	59.498	648.564
B) 1) JSW JAIGAD	23.293	263.704	5) Goa	-4.788	-53.003
2) WPCL	7.082	62.103	6) TAPS 1&2 Injection	7.468	69.279
3) ADANI	25.780	257.380	7) RGPPL Injection	0.000	0.070
4) Other CPP / IPP	3.921	46.419	8) Pench (Excess)	-0.471	-4.847
5) Wind Generation	19.489	245.896	# Total Cent. Sector	98.713	1070.354
6) PENCH (MS)	0.471	4.847	F) Other Exchanges		
C) TPCL & REL			1) With TPCL (Excess)	-18.615	-224.671
1) TPCL Thermal	13.403	169.644	G) Bilateral Power *		
2) TPCL Hydro	2.562	53.798	1) MSEDCL Bilateral	12.019	75.605
TOTAL TPCL	15.965	223.442	Include PX	0.000	-42.719
3) REL Thermal	10.624	123.709	2) MUMBAI Bilateral	15.510	186.551
D) STATE			Include PX	1.362	33.709
1) Thermal (A1+C1+C3)	97.840	1012.026	3) MUMBAI Schedule	15.510	189.639
2) Hydro (A2+B5+C2)	11.250	220.205	H) ENERGY CATERED (MUs)		
3) Gas (A3)	10.999	123.677	1) MSEDCL	253.163	2729.942
4) Wind (B4)	19.489	245.896	2) TPCL	29.157	373.014
5) CPP (B1+B2+B3)	60.076	398.006	3) REL	16.043	198.641
TOTAL STATE	199.654	1999.810	TOTAL STATE	298.363	3301.597

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 10 Hrs	B. Evening Peak at 21 Hrs	C. Night Minimum at 4 Hrs
MSGENCO Thermal	3143	3266	2636
MSGENCO Hydro	462	637	189
MSGENCO Gas	466	466	422
MSGENCO Total Generation	4071	4369	3247
Central Sector Receipt	4570	4346	3855
WIND	817	905	742
CPP / IPP	2719	2372	2375
Exchange with Mumbai	-626	-960	-592
MSEDCL DEMAND MET	11570	11050	9648
Load Shedding	102	53	55
MSEDCL DEMAND	11672	11103	9703
TPCL GENERATION	828	781	574
R-INFRA GENERATION	524	392	392
TPCL+R-INFRA DEMAND	1978	2133	1558
STATE DEMAND MET	13548	13183	11206
STATE DEMAND	13650	13236	11261
Frequency (Hz)	50.28	50.00	50.19

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.53 Hz at 06:10 Hrs	49.73 Hz at 19:35 Hrs	50.14	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 11/Aug/2013

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 5	2.19	5.80	133	0	65
Unit 6	2.33	30.08	153	68	90
Unit 7	0.00	20.33	0	0	0
Total	4.52	56.22			155
Bhusawal					
Unit 2	0.00	20.39	0	0	0
Unit 3	2.11	26.40	120	0	100
Unit 4	4.50	46.74	220	155	200
Unit 5	0.00	0.00	0	0	0
Total	6.60	93.53			300
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	5.01	49.14	237	185	190
Unit 7	4.45	46.67	228	161	165
Total	9.46	95.81			355
Chandrapur					
Unit 1	2.91	24.95	136	103	150
Unit 2	0.00	11.71	0	0	0
Unit 3	2.74	26.60	142	97	125
Unit 4	0.00	0.00	0	0	0
Unit 5	0.00	0.00	0	0	0
Unit 6	5.25	30.21	260	135	200
Unit 7	7.18	65.70	358	224	225
Total	18.09	159.17			700
Paras					
Unit 3	3.35	38.91	158	116	150
Unit 4	4.07	40.25	194	141	150
Total	7.42	79.16			300
Khaparkheda					
Unit 1	0.00	0.00	0	0	0
Unit 2	3.59	22.46	165	115	160
Unit 3	4.14	38.47	198	142	180
Unit 4	3.82	33.12	172	142	180
Unit 5	7.68	46.51	345	280	400
Total	19.22	140.56			920
Nasik					
Unit 3	4.26	47.20	200	170	200
Unit 4	0.00	0.00	0	0	0
Unit 5	4.24	47.03	199	170	200
Total	8.50	94.23			400
Uran					
All Units	11.00	123.68	474	422	465
Total	11.00	123.68			465
PENCH (MS)					
Pench (MS)	0.47	4.85	23	17	0
Total	0.47	4.85			0
Koyna					
Stage 1-2	1.27	35.11	220	40	600
Stage 4	0.00	28.70	0	0	250
Stage 3	0.87	21.86	236	0	240
Kovna 12&4 Total	1.27	63.82			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Total	2.14	85.67			1090
Hydro					
KDPH	0.94	10.22	40	39	36
VTRNA	1.35	12.14	61	10	61
TILLARI	0.45	8.85	60	0	60
BHTGR/VEER	0.16	2.17	7	6	8
BHIRA T.R.	0.35	4.62	79	0	80
RNGR+BHTSA	0.37	4.80	16	14	15
BHANDARDRA	0.68	7.15	29	28	15
ELDARY	0.00	0.00	0	0	0
SMLHY PTN	1.18	14.81	50	49	15
GHATGHAR	0.60	11.12	131	0	0
Total	6.08	75.89			290
Wind					
MalharPeth	0.83	10.68			
Vankuswadi	1.59	17.72			
ATIT	0.18	2.36			
Kale	0.41	6.12			
Satara	5.98	66.23			
Shirala	0.36	6.02			
K Mahankal	0.07	8.52			
Supa	0.23	3.37			
Vita	2.24	30.48			
Dondaicha	4.21	56.65			
Sakri	0.74	9.34			
Nandurbar	0.40	5.12			
Khandke	1.09	12.12			
Khaparale	1.15	11.16			
Total	19.49	245.90			
CPP					
JSW JAIGAD	23.29	263.70	1029	908	925
WARDHA	7.08	62.10	310	232	305
Adani	25.78	257.38	1220	850	1234
Other CPPs	3.92	46.42			
Total	60.08	629.61			2464
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	8.44	110.04	500	314	500
Trombay 6	0.00	0.00	0	0	0
Trombay 7A	0.00	0.00	0	0	0
Trombay 7B	0.00	0.00	0	0	0
Trombay 8	4.96	59.60	254	184	250
TATA Hydro	2.56	53.80	373	6	447
Total	15.96	223.44			1197
REL					
1&2	10.62	123.71	525	391	500
Total	10.62	123.71			500
Cent Sect					
Share					4185
Total					4185

MS PG CL	Thermal	73.81	718.67			3130
	Thml+Gas	84.81	842.35			3595
	Hydro	8.22	161.56			1380
	Total	93.03	1003.91			4975
State Total		199.65	1999.81			13321

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 11/Aug/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	2717	494	433	3644	824	2594	3490	3639	-643	-866	9855	79	9934	1828	11762	50.03
2	2668	239	432	3339	841	2575	3607	3683	-635	-731	9727	55	9782	1699	11481	50.12
3	2677	190	430	3297	731	2407	3333	3874	-610	-647	9682	55	9737	1616	11353	50.12
4	2636	189	422	3247	742	2375	3365	3855	-643	-592	9648	55	9703	1558	11261	50.19
5	2712	243	428	3383	737	2357	3365	4038	-644	-592	9943	58	10001	1557	11558	50.23
6	2933	238	449	3620	732	2376	3768	4330	-643	-628	10450	67	10517	1615	12132	50.13
7	3011	258	471	3740	673	2441	3802	4728	-643	-631	10971	115	11086	1654	12740	50.26
8	3075	279	474	3828	609	2602	3802	4652	-647	-638	11073	116	11189	1710	12899	50.09
9	3099	337	469	3905	732	2687	3807	4504	-647	-636	11212	124	11336	1836	13172	50.13
10	3143	462	466	4071	817	2719	3862	4570	-692	-626	11570	102	11672	1978	13650	50.28
11	3188	584	462	4234	818	2736	3866	4297	-692	-781	11323	100	11423	2082	13505	50.01
12	3198	435	466	4099	909	2723	3869	4069	-692	-810	11007	124	11131	2094	13225	50.20
13	3247	240	466	3953	935	2774	3678	3854	-693	-796	10738	189	10927	2081	13008	50.25
14	3230	239	466	3935	884	2721	3678	3834	-692	-762	10632	114	10746	2019	12765	50.24
15	3221	244	466	3931	1013	2677	3868	3947	-690	-930	10659	92	10751	1935	12686	50.21
16	3189	239	466	3894	997	2336	3853	4312	-676	-915	10644	73	10717	1881	12598	50.17
17	3155	239	466	3860	910	2251	3532	4152	-644	-910	10281	64	10345	1878	12223	50.30
18	3112	279	466	3857	998	2194	3512	3549	-629	-902	9716	58	9774	1871	11645	50.18
19	3142	307	466	3915	823	2255	4028	4236	-690	-905	10345	58	10403	1927	12330	50.09
20	3192	656	466	4314	841	2261	4178	4506	-593	-901	11044	57	11101	2100	13201	49.93
21	3266	637	466	4369	905	2372	4178	4346	-592	-960	11050	53	11103	2133	13236	50.00
22	3274	590	467	4331	821	2394	3675	3988	-592	-866	10686	52	10738	2134	12872	50.03
23	3363	362	468	4193	609	2575	3678	3838	-595	-758	10475	52	10527	2071	12598	50.01
24	3365	237	468	4070	588	2674	3744	3912	-595	-832	10432	52	10484	1947	12431	50.13
MUs	73.81	8.22	11.00	93.03	19.49	60.08	89.54	98.71	-15.51	-18.62	253.16	1.96	255.13	45.20	300.33	50.14

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 11/Aug/2013

Position as on 6.30 Hrs of 12/Aug/2013

Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE							
Parli Unit 4	210	28/11/2012	02.37		Continued.	water shortage.	
Parli Unit 3	210	13/02/2013	23.50		Continued.	Water Shortage	
Parli Unit 5	210	14/02/2013	22.45		Continued.	Water Shortage	
Chandrapur Unit 4	210	15/06/2013	13.33		Continued.	Annual Overhaul	
Nasik Unit 4	210	07/07/2013	02.00		Continued.	C.O.H.	
Chandrapur Unit 5	500	14/07/2013	00.01		Continued.	Annual Overhaul	
Tata Trombay 7B	60	27/07/2013	12.57		Continued.	Annual Overhaul	
Tata Trombay 7A	120	27/07/2013	13.55		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.	
Koyna Unit 11	80	04/06/2013	13.25		Continued.	Rotar Fault.	
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	
Bhusawal Unit 5	500	03/07/2013	23.40		Continued.	ESP Problem.	
Dabhol 2X	290	15/07/2013	15.09		Continued.	Gas Shortage	
CPP VIPL	300	17/07/2013	12.03		Continued.	Turbine.	
Tata Trombay 6	500	19/07/2013	23.54		Continued.	Economic shut down.	
CPP INDIABULLS	270	22/07/2013	10:35		Continued.	Fuel Loss.	
Khaparkheda Unit 1	210	30/07/2013	04.41		Continued.	Main Steam Temp.Low	
Uran Unit 8	108	01/08/2013	17.13		Continued.	Gas Shortage.	
CPP Adani U-3	660	05/08/2013	20.54		Continued.	PA Fan Problem	
CPP WPCL U-2	135	06/08/2013	09.45		Continued.	Flame Failure	
Chandrapur Unit 2	210	06/08/2013	22.40	12/08/2013	03.34	Economiser Tube Leakage	
Dabhol 2B	230	08/08/2013	15.03		Continued.	Withdrawn	
Bhusawal Unit 2	210	08/08/2013	21.05		Continued.	I D Fan Problem.	
Koradi Unit 7	210	09/08/2013	07.22		Continued.	Furnace Pressurre High.	
Koradi Unit 5	200	10/08/2013	22.36	11/08/2013	03.28	BLR Feed Pump problem.	
Bhusawal Unit 3	210	11/08/2013	00.05	11/08/2013	01.47	Flame Failure.	
Bhusawal Unit 3	210	11/08/2013	03.01	11/08/2013	05.30	Furnace Pressure High.	

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 11/Aug/2013

Position as on 6.30 Hrs of 12/Aug/2013

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
InterState					
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Dabhol - NewKoyna - II	23/07/2013	12.35		Continued.	Over Voltage.
Parli (PG)-Bhadravati I	24/07/2013	22.07		Continued.	Over Voltage.
Kolhapur-Solapur(PGCIL)-I	31/07/2013	11.14		Continued.	Over Voltage.
765 KV Seoni-Wardha-II	02/08/2013	12.55		Continued.	Over Voltage
Parly(PG)- Solapur(PG) - II	07/08/2013	03.39		Continued.	Over Voltage
Kolhapur-Mapusa-II	08/08/2013	16.11		Continued.	Over Voltage.
Solapur - Solapur (PG)	10/08/2013	21.54	11/08/2013	07.09	Over Voltage.
Dhule-Sar'Sarovar - II	10/08/2013	22.00	11/08/2013	08.22	Over Voltage.
Solapur-Solapur(PGCIL)	11/08/2013	17.12	12/08/2013	06.27	Over Voltage.
Parli-Solapur (PGCIL) Ckt.II	11/08/2013	18.12		Continued.	Over Voltage
Dhule-Sar'Sarovar - I	12/08/2013	02.25	12/08/2013	06.17	Over Voltage.
Voltage Level : 400KV			Outage Type TRIPPED		
Chandrapur - Bhadravati - IV	19/07/2013	15.56		Continued.	Over Voltage.
Koradi-Satpur	07/08/2013	23.48		Continued.	Over Voltage.
Solapur PG - Parly PG - I	08/08/2013	17.01		Continued.	Over Voltage.
Padgha-Tarapur - II	11/08/2013	03.01		Continued.	Over Voltage.
Akola - Wardha - I	11/08/2013	03.07	11/08/2013	05.47	Over Voltage.
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
400/220 KV 500 MVA ICT-I @ Deepnagar	07/06/2013	17.03		Continued.	ICT charged through Tie Bay due to higher Tan Delta Values of HV side R Phase Bus-II CT
New Koyna - Dabhol - II	26/07/2013	10.56		Continued.	Opp.outage.RFC 18.17Hrs.
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.
Jejuri-Jejuri-II	08/08/2013	09.49		Continued.	Testing Work.
220/132KV 150MVA ICT @ Boisor	08/08/2013	22.06		Continued.	Oil Filtration.
Nasik--Babhaleshwar	10/08/2013	09.45		Continued.	Taken on TBC at BBLSR end.
Versova-Gorai	11/08/2013	08.16	11/08/2013	09.10	Insulator repl.
Dahanu-Bhoisor	11/08/2013	10.25	11/08/2013	16.47	Relay testing work at Dahanu end.
Voltage Level : 110KV			Outage Type PLANNED OUTAGE		
Borivali(T)-Borivali(M)-I	11/08/2013	09.20	11/08/2013	11.30	Relay testing work at Tata end.
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
Deepnagar-Aurangabad-I	23/07/2013	14.46		Continued.	Over Voltage.
Karad - Newkoyna - I	29/07/2013	09.43		Continued.	CVT Problem, Ready for charging 17.56Hrs
Nagothane-Dabhol-I	31/07/2013	14.53		Continued.	Over Voltage.
Bhusawal- Aurangabad	06/08/2013	15.58		Continued.	Over Voltage

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 11/Aug/2013

Position as on 6.30 Hrs of 12/Aug/2013

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
Karad - Kolhapur - I	10/08/2013	16.46	11/08/2013	09.19	Over Voltage.
Karad-Jaigad I	10/08/2013	23.59	11/08/2013	09.25	Over Voltage.
Lonikand- Koyna Stage IV	11/08/2013	02.03	11/08/2013	08.03	Over Voltage.
Karad - Kolhapur - I	11/08/2013	16.32	12/08/2013	06.45	Over Voltage
Karad-Jaigad I	11/08/2013	17.07		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.
220/132KV 200MVA ICT-II at BBLSR	27/07/2013	16.05		Continued.	L V Side to Control Over Voltage.
Voltage Level : 400KV			Outage Type TRIPPED		
400/11.5KV 90 MVA STN T/F III @ 400KV C'PUR	25/09/2012	15.38		Continued.	Diff.prot.operated Declared Faulty
Koradi-Khaparkheda-I	02/08/2013	04.20		Continued.	Over Voltage.
Koradi-Khaparkheda II	07/08/2013	17.12		Continued.	Over Voltage.
Karad - Kolhapur - II	08/08/2013	02.28		Continued.	Over Voltage.
Koradi - II - Indiabull	10/08/2013	13.03		Continued.	Over Voltage.
Akola - Indiabull (Nandgaonpeth)	11/08/2013	02.27	11/08/2013	06.27	Over Voltage.
Lonikand- Koyna Stage IV	12/08/2013	00.31	12/08/2013	06.25	Over Voltage.
Dhule - Babhareshwar - I	12/08/2013	02.10	12/08/2013	05.43	Over Voltage.
Voltage Level : 220KV			Outage Type TRIPPED		
220/100 KV, 200MVA ICT - I at Padgha	07/06/2013	17.48		Continued.	Diff. Protection
Karad-Mudsingi-IV	11/08/2013	13.03	11/08/2013	20.02	Dist Prot.
Pophali - KDPH	11/08/2013	13.10	11/08/2013	13.50	Dist Prot.
220/132KV 200MVA ICT-III at BBLSR	11/08/2013	20.20		Continued.	R-Ph LV Side Bushing Burst.
Voltage Level : 132KV			Outage Type TRIPPED		
Interconnector I at 132 KV GCR Deepnagar	11/08/2013	00.01	11/08/2013	00.39	Back up Prot.(R-Ph CT of 132KV ECR RLY.T/F II Burst.)
Interconnector II at 132KV GCR Deepnagar	11/08/2013	00.01	11/08/2013	00.40	Back up Prot.(R-Ph CT of 132KV ECR RLY.T/F II Burst.)

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 12/Aug/2013

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 5	200	115
Unit 6	210	110
Unit 7	210	0
	620	225
Bhusawal		
Unit 2	210	0
Unit 3	210	130
Unit 4	500	215
Unit 5	500	0
	1420	345
Parli		
Unit 3	210	0
Unit 4	210	0
Unit 5	210	0
Unit 6	250	200
Unit 7	250	183
	1130	383
Chandrapur		
Unit 1	210	100
Unit 2	210	50
Unit 3	210	120
Unit 4	210	0
Unit 5	500	0
Unit 6	500	275
Unit 7	500	300
	2340	845
Paras		
Unit 3	250	190
Unit 4	250	200
	500	390
Khaparkheda		
Unit 1	210	0
Unit 2	210	160
Unit 3	210	180
Unit 4	210	180
Unit 5	500	400
	1340	920
Nasik		
Unit 3	210	200
Unit 4	210	0
Unit 5	210	200
	630	400
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	36
VTRNA	60	61

Generating unit	Derated Capacity (MW)	OLC (MW)
TILLARI	60	60
BHTGR/VEER	21	8
BHIRA T.R.	80	80
RNGR+BHTSA	20	15
BHANDARDRA	45	15
ELDARY	23	0
SMLHY PTN	12	15
GHATGHAR	250	0
	611	290
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	924
WARDHA	405	330
Adani	1320	1234
Other CPPs	300	
	3225	2488
Tata		
Trombay 4	150	0
Trombay 5	500	500
Trombay 6	500	0
Trombay 7A	120	0
Trombay 7B	60	0
Trombay 8	250	250
TATA Hydro	444	447
	2024	1197
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3455	4694
	3455	4694