



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

State Load Dispatch Center, Airoli

Daily system Report

for

30/Jul/2011

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 30/Jul/2011 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	65.585	2449.575	1) Madhya Pradesh	50.692	1402.187
2) Hydro	21.197	433.741	2) Gujrat	33.855	809.751
3) Gas	7.000	238.390	3) Goa	-5.054	-169.535
Total MSGENCO	93.782	3121.706	4) TAPS 1&2 (Inj.)	7.877	230.801
B) OTHERS			5) Pench (Excess)	-0.769	-4.401
1) RGPPL Gas	39.188	1156.949	# Total Cent. Sector	86.601	2268.803
2) Wind Generation	16.899	535.481	F) Other Exchanges		
3) CPP	21.741	829.768	1) With TPCL (Excess)	-9.838	-356.924
4) PENCH (MS)	0.769	4.401	G) Bilateral Power *		
C) TPCL & REL			1) MSEDCL Bilateral	8.528	368.966
1) TPCL Thermal	21.871	667.433	Include PX	0.000	9.896
2) TPCL Hydro	5.755	183.791	2) MUMBAI Bilateral	11.464	373.495
TOTAL TPCL	27.626	851.224	Include PX	-3.687	-55.745
3) REL Thermal	12.605	361.900	3) MUMBAI Schedule	11.464	383.428
D) STATE			H) ENERGY CATERED (MUs)		
1) Thermal (A1+C1+C3)	100.061	3478.908	1) MSEDCL	249.142	7560.184
2) Hydro (A2+B3+C2)	27.721	621.933	2) TPCL	33.014	1048.815
3) Gas (A3+B1)	46.188	1395.339	3) REL	17.054	521.447
4) Wind (B2)	16.899	535.481	TOTAL STATE	299.210	9130.446
5) CPP (B3)	21.741	829.768			
TOTAL STATE	212.610	6861.429			

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 12 Hrs	B. Evening Peak at 20 Hrs	C. Night Minimum at 4 Hrs
MSGENCO Thermal	2719	2653	2772
MSGENCO Hydro	1075	1816	252
MSGENCO Gas	291	292	290
MSGENCO Total Generation	4085	4761	3314
Central Sector Receipt	4252	3638	3066
RGPPL	1624	1625	1637
WIND	535	998	574
CPP	1034	847	860
Exchange with Mumbai	-591	-517	-173
MSEDCL DEMAND MET	10986	11392	9325
Load Shedding (LS)	51	38	44
MSEDCL DEMAND (INCL. LS)	11037	11430	9369
TPCL GENERATION	1483	1362	826
REL GENERATION	525	526	524
TPCL+REL DEMAND	2599	2405	1523
STATE DEMAND MET	13585	13797	10848
Load Management (LM)	1163	2235	1084
Total Load Relief (LS+LM)	1214	2273	1128
UNRESTRICTED STATE DEMAND	14799	16070	11976
Frequency (Hz)	49.85	49.64	49.85

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.33 Hz at 18.03 Hrs	49.35 Hz at 19.30 Hrs	49.82	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 30/Jul/2011

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 5	0.00	91.88	0	0	0
Unit 6	2.28	100.28	128	70	80
Unit 7	3.05	102.55	150	80	120
	5.32	294.70			200
Bhusawal					
Unit 2	0.02	79.02	25	0	0
Unit 3	3.80	84.34	180	125	170
Unit 4		0.00	0	0	
	3.82	163.36			170
Parli					
Unit 3	2.18	58.85	140	57	60
Unit 4	0.00	48.94	0	0	0
Unit 5	0.00	68.08	0	0	0
Unit 6	2.20	16.06	108	58	90
Unit 7	2.59	76.17	145	74	140
	6.98	268.10			290
Chandrapur					
Unit 1	3.41	91.45	152	133	150
Unit 2	3.05	80.50	135	120	120
Unit 3	3.46	116.14	175	120	160
Unit 4	3.25	113.84	171	60	170
Unit 5	8.48	259.46	385	305	380
Unit 6	0.00	95.70	0	0	0
Unit 7	0.00	0.00	0	0	0
	21.65	757.09			980
Paras					
Unit 3	2.66	99.46	162	60	135
Unit 4	2.09	105.94	130	45	125
	4.75	205.39			260
Khaparkheda					
Unit 1	4.12	128.32	180	150	155
Unit 2	4.01	95.97	179	151	183
Unit 3	4.44	138.19	196	181	179
Unit 4	4.67	145.46	202	190	187
Unit 5		2.60	0	0	
	17.24	510.54			704
Nasik					
Unit 1		0.00	0	0	
Unit 2		0.00	0	0	
Unit 3	0.00	66.26	0	0	0
Unit 4	2.98	88.26	163	90	142
Unit 5	2.84	95.87	150	92	142
	5.82	250.38			284
Uran					
All Units	7.00	238.39	297	288	280
	7.00	238.39			280
Dabhol					
RGPPL	39.19	1156.95	1649	1618	1560
	39.19	1156.95			1560
Koyna					
Stage 1-2	4.17	101.90	510	40	600
Stage 4	8.84	133.12	1118	0	250
Stage 3	4.01	76.46	320	16	320
	17.02	311.49			1170
Kovna 12&4 Total	13.01	235.03			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Hydro					
KDPH	0.92	6.08	39	38	36
VTRNA	0.24	12.75	61	0	0
TILLARI	0.54	15.83	60	0	60
BHTGR/VEER	0.19	1.65	8	7	8
BHIRA T.R.	0.49	14.50	80	0	80
RNGR+BHTSA	0.03	3.02	2	1	2
BHANDARDRA	0.52	16.55	25	13	20
ELDARY	0.00	0.00	0	0	0
SMLHY PTN	1.24	28.31	59	49	12
GHATGHAR	0.00	23.56	0	0	0
	4.17	122.26			218
PENCH (MS)					
Pench (MS)	0.77	4.40	53	0	
	0.77	4.40			
Wind					
MalharPeth	0.52	21.54			
Vankuswadi	1.54	49.20			
ATIT	0.17	15.26			
Kale	0.41	16.32			
Satara	0.41	46.28			
Shirala	0.41	19.08			
K Mahankal	2.27	32.65			
Supa	0.17	6.30			
Vita	2.90	89.03			
Dondaicha	5.26	146.66			
Sakri	0.67	22.78			
Nandurbar	0.63	15.43			
Khandke	0.72	30.64			
Khaparale	0.82	24.30			
	16.90	535.48			
CPP					
JSW JAIGAD	12.06	504.36	650	435	750
WARDHA	6.57	200.01	287	194	280
Other CPPs	3.12	125.40			
	21.74	829.77			1030
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	11.60	266.20	490	435	490
Trombay 6	5.82	205.50	420	150	500
Trombay 7A	2.88	84.93	121	119	120
Trombay 7B	1.57	47.04	66	65	60
Trombay 8	0.00	63.76	0	0	0
TATA Hydro	5.76	183.79	404	0	447
	27.63	851.22			1617
REL					
1&2	12.60	361.90	526	523	500
	12.60	361.90			500
Cent Sect					
Share					3362
					3362

MS PG CL	Thermal	65.58	2449.58			2888
	Thml+Gas	72.58	2687.96			3168
	Hydro	21.20	433.74			1388
	Total	93.78	3121.71			4556
State Total		212.61	6861.43			12625

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 30/Jul/2011

TIME SR. NO.	MSPGCL GEN.			TOTAL	RGPPL	WIND	CPP	CS SHARE	CS RECPT	Mum.S CH.	Mum. NET EXCH.	MSEDCL DEMAND MET	# LOAD RELEIF (LS+LM)	MSEDCL DEMAN D WITH LS	TPCL + REL DEMAND	STATE DEM. WITH LS+LM	FREQ. (Hz)
	THM	HY	GAS														
1	2675	885	290	3850	1638	431	871	3052	3252	-383	-415	9677	1234	9721	1768	12679	49.77
2	2672	373	290	3335	1638	496	865	2963	3429	-297	-293	9520	1153	9564	1607	12280	49.83
3	2711	307	292	3310	1638	511	872	2945	3294	-265	-218	9454	1149	9498	1524	12127	49.84
4	2772	252	290	3314	1637	574	860	2935	3066	-254	-173	9325	1128	9369	1523	11976	49.85
5	2774	228	288	3290	1637	571	852	3023	3125	-285	-151	9371	1137	9415	1501	12009	49.75
6	2864	326	291	3481	1638	655	856	2954	3407	-279	-206	9858	1225	9902	1558	12641	49.80
7	2851	891	296	4038	1642	669	763	3190	3454	-457	-260	10312	1224	10356	1674	13210	49.84
8	2783	634	297	3714	1649	614	796	3197	4023	-457	-350	10473	1224	10517	1795	13492	49.96
9	2782	740	289	3811	1642	628	848	3075	4175	-425	-399	10730	1224	10774	2024	13978	49.86
10	2870	812	289	3971	1639	544	940	3253	4233	-468	-419	10931	1257	11001	2308	14496	49.93
11	2789	867	291	3947	1630	531	973	3407	4113	-595	-579	10636	1271	10708	2518	14425	49.85
12	2719	1075	291	4085	1624	535	1034	3457	4252	-645	-591	10986	1214	11037	2599	14799	49.85
13	2721	1179	291	4191	1619	601	1056	3450	3774	-642	-627	10661	1203	10705	2578	14442	49.78
14	2719	1112	293	4124	1618	621	1047	3386	3549	-574	-501	10505	1203	10549	2439	14147	49.75
15	2729	1198	290	4217	1623	726	974	3337	3393	-558	-489	10465	1205	10509	2442	14112	49.73
16	2705	1162	290	4157	1634	845	974	3213	3399	-547	-459	10599	1209	10643	2397	14205	49.78
17	2747	843	291	3881	1636	858	1007	3203	3666	-537	-446	10602	1242	10640	2358	14202	49.91
18	2668	417	297	3382	1638	955	1066	3136	3772	-468	-433	10413	1469	10451	2348	14230	49.98
19	2720	374	291	3385	1638	1050	891	3284	4072	-526	-429	10607	2080	10645	2344	15031	49.94
20	2653	1816	292	4761	1625	998	847	3340	3638	-568	-517	11392	2273	11430	2405	16070	49.64
21	2651	1912	290	4853	1626	771	843	3374	3757	-602	-502	11401	2285	11439	2320	16006	49.71
22	2627	1815	293	4735	1630	953	829	3350	3411	-578	-496	11098	2285	11136	2151	15534	49.79
23	2612	1152	293	4057	1623	909	836	3291	3226	-553	-456	10195	2285	10233	2011	14491	49.69
24	2771	827	295	3893	1626	853	841	3128	3124	-500	-429	9934	1980	9972	1877	13791	49.76
MUs	65.58	21.20	7.00	93.78	39.19	16.90	21.74	76.94	86.60	-11.46	-9.84	249.14	35.16	250.21	50.07	334.37	49.82

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 30/Jul/2011

Position as on 6.30 Hrs of 31/Jul/2011

Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE							
Dabhol 1A	230	20/05/2011	13.22		Continued.	Rotor replacement.	10/08/2011
Chandrapur Unit 7	500	29/06/2011	21:40		Continued.	COH	16/08/2011
Chandrapur Unit 6	500	12/07/2011	17.24		Continued.	Stator Earth Fault(Mini overhaul)	31/07/2011
Tata Trombay 8	250	15/07/2011	01:45		Continued.	AOH	08/08/2011
Cent_Sect NTPC(V-7)	500	18/07/2011	00.03		Continued.	Annual overhaul.	15/08/2011
Nasik Unit 3	210	23/07/2011	01.55		Continued.	Annual Overhaul.	15/08/2011
CPP WPCL U-4	135	24/07/2011	06.40		Continued.	Maint.Work.	
Koradi Unit 5	200	28/07/2011	22:25	30/07/2011	04.07	ID Fan problem.	
FORCED OUTAGE							
Uran Unit 5	108	15/07/2011	10.40		Continued.	Turbine Blade Replacement.	10/08/2011
Uran Unit 6	108	17/07/2011	11.52	31/07/2011	06.32	Stator earth fault.	
Uran Unit A0	120	17/07/2011	11.52		Continued.	Stator earth fault.	
Bhusawal Unit 2	210	28/07/2011	11:00	30/07/2011	23.25	BTL	
Parli Unit 4	210	29/07/2011	10.11		Continued.	Wet Coal	
Parli Unit 5	210	29/07/2011	11.43	31/07/2011	11.55	Wet Coal	
Khaparkheda Unit 5	500	29/07/2011	13.06		Continued.	Loss of Fuel.	
Parli Unit 7	250	31/07/2011	17.06		Continued.	Main Steam Temp.Low.	
Parli Unit 6	250	31/07/2011	19.05	31/07/2011	22.57	I D Fan Problem.	

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 30/Jul/2011

Position as on 6.30 Hrs of 31/Jul/2011

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
InterState					
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Akola - Aurangabad- II	26/07/2011	20.52		Continued.	Over voltage.
Akola - Wardha - I	26/07/2011	23.53		Continued.	Over Voltage.
Dhule - S'Sarovar- II	28/07/2011	23:15	31/07/2011	08.14	Over Voltage.
Dhule-Sar'Sarovar - I	29/07/2011	23.28	30/07/2011	09.16	Over Voltage.
Kolhapur-Mapusa-II	29/07/2011	23.28		Continued.	Over Voltage.
Karad - Solapur (PGCIL)	30/07/2011	21.56	31/07/2011	07.09	Over Voltage.
Dhule-Sar'Sarovar - I	30/07/2011	23.31		Continued.	Over Voltage.
Akola - Wardha - II	31/07/2011	22.03		Continued.	Over Voltage
Karad - Solapur (PGCIL)	31/07/2011	22.08		Continued.	Over Voltage.
Dhule-Sar'Sarovar - II	31/07/2011	23.04		Continued.	Over Voltage.
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
Main Bus I at 400KV BBLSR	30/07/2011	11.16	30/07/2011	23.06	Augmentation Bay to Existing M B -I.
Kalwa - Padgha - I	30/07/2011	20.11	30/07/2011	23.27	Attending R Ph Wave Trap Holding Hook Damage.
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
Babaleshwar - Chalisgaon	15/12/2010	13.42		Continued.	Conversion of S/C to D/C(8 MonthOutage)
220/132KV,100 MVA ICT-III at Girwali.	21/06/2011	10.44		Continued.	Augmentation of ICT by new 200 MVA ICT upto 30.07.2011
Bus Coupler @ Koradi	25/07/2011	10.24	30/07/2011	17.55	Transfer of the control from existing C/R panels to BCRs and SCADA.
100 KV Group Breaker - II at 220 kv Trombay	28/07/2011	08:56		Continued.	CT Replacement work (up to 31/07/2011)
220/132KV 100 MVA ICT @ Yavatmal	29/07/2011	10.50	30/07/2011	13.15	Equipment Erection Work of 2 No. Pandharkawada-I & II Bays.
Pedambe-Pophali I	30/07/2011	08.20	30/07/2011	10.50	To Attend Red Hot @ Pedambe End.
220/132KV 200 MVA ICT I at Chalisgaon	30/07/2011	08.29	30/07/2011	10.40	Isolator Replacement Work.
220/132KV 200MVA ICT-III at BBLSR	30/07/2011	08.55	30/07/2011	13.30	R M Work.
Babaleshwar - Babaleshwar - I	30/07/2011	09.37	30/07/2011	19.45	Replacement of NIT Switch.
Karad - Miraj	30/07/2011	10.24	30/07/2011	12.16	Attending Hot Spot @ Miraj End.
220/100 KV 200 MVA ICT II at Trombay	30/07/2011	10.52	30/07/2011	18.22	Attending Hot Spot & R M Work.
Pedambe - Mahad	30/07/2011	11.00	30/07/2011	14.03	Commissioning A/R Relay & R M Work.
220/132 KV 100 MVA ICT-I @ Chikhli.	30/07/2011	11.45		Continued.	Replacement by 200 MVA ICT.
220/132 KV,200 MVA ICT-II At Chalisgaon	31/07/2011	09.35	31/07/2011	12.09	Disconnecting the C T to Line Isolator Jumpers(L V Side) of ICT-II.
220/132KV 200 MVA ICT I at Chalisgaon	31/07/2011	12.11	31/07/2011	14.05	For Reconnecting the C T to Line Isolator Jumpers After Isolator Under LES.
Boiser PGCIL-Boiser II	31/07/2011	15.28	31/07/2011	18.23	Hot Spot Attending.
Voltage Level : 132KV			Outage Type PLANNED OUTAGE		
Girwali - Latur MIDC	19/07/2011	11.09		Continued.	Disc insulator strings replacement from

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 30/Jul/2011

Position as on 6.30 Hrs of 31/Jul/2011

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
					LOC 32 to 82.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Karad - Kolhapur - I	25/07/2011	22.08		Continued.	Over Voltage.
Bhusawal- Aurangabad	28/07/2011	21:43	30/07/2011	08.34	Over Voltage.
Lonikand- Koyna Stage IV	30/07/2011	00.40	30/07/2011	08.12	Over Voltage.
Bhusawal- Aurangabad	30/07/2011	14.09	31/07/2011	07.55	Over Voltage.
Lonikand- Koyna Stage IV	31/07/2011	00.52	31/07/2011	07.40	Over Voltage.
Bhusawal- Aurangabad	31/07/2011	21.55		Continued.	Over Voltage.
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Bus Coupler @ WPCL	07/06/2011	17.22		Continued.	As being normally kept open.
Chandrapur - Warora	03/07/2011	21.47		Continued.	To Control Wardha-Warora & Wardha-Hinganghat loading.
Babaleshwar - Bhenda	24/07/2011	08.30		Continued.	To Control Babaleshwar ICT Loading.
Voltage Level : 400KV			Outage Type TRIPPED		
400/220KV 105 MVA Spare ICT at Parly II	22/04/2011	13.50		Continued.	To Remove Trip Coil Assembly for Bus Coupler.
400/220 KV 315 MVA ICT-II @ Nagothane.	31/07/2011	16.02	31/07/2011	16.13	PDR.
Voltage Level : 220KV			Outage Type TRIPPED		
220/100KV 200MVA ICT-III at Kalwa	03/04/2011	16.00		Continued.	Buchholz Trip, Diff. Prot. operated, PRV tripped(Failed).
220/100KV 125 MVA ICT-I @ Kalwa	19/06/2011	13.45		Continued.	Buchholz Augmentation by 200 MVA. Expected in Sept. 2011.
220/7 KV 20 MVA Stn. T/F-II at Korady	29/07/2011	16.30		Continued.	220kv Bus Bar Protection Operated.
Warora-Hinganghat	30/07/2011	18.02	31/07/2011	08.26	Gas Pressure of C B Low. Ckt on TBC
Sahara-Urse	31/07/2011	01.34	31/07/2011	02.25	Distance Protection.
Karad-Pedambe	31/07/2011	04.24	31/07/2011	12.27	R Phase Zone-I Declared Faulty.
220/33 KV 50 MVA T/F-I @ Vankhushwadi	31/07/2011	19.10	31/07/2011	19.25	O/C & E/F.
Pusad - Bhugaon	31/07/2011	19.54	31/07/2011	20.04	Dist. Prot. Z-I Y Ph Earth Fault.
Miraj-Maisal	31/07/2011	20.43	31/07/2011	21.30	Differential Protection.
Voltage Level : 132KV			Outage Type TRIPPED		
Harangul-Chakur	30/07/2011	04.50	30/07/2011	05.05	Distance Protection Operated Zone-I.
Nanded-Jangamwadi	30/07/2011	12.03	30/07/2011	12.12	Back up Protection.
Kurunda - Hingoli	31/07/2011	01.44	31/07/2011	04.16	Distance Protection, R & Y Ph. Zone-I.
Nanded - Umri	31/07/2011	01.51	31/07/2011	01.58	Distance Protection, Zone-I.
132/33 KV 50 MVA T/F - II @ Kardha	31/07/2011	23.10	31/07/2011	23.35	O/C, E/F.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 31/Jul/2011

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 5	200	40
Unit 6	210	150
Unit 7	210	155
	620	345
Bhusawal		
Unit 2	210	160
Unit 3	210	160
Unit 4	0	0
	420	320
Parli		
Unit 3	210	140
Unit 4	210	0
Unit 5	210	0
Unit 6	250	60
Unit 7	250	100
	1130	300
Chandrapur		
Unit 1	210	140
Unit 2	210	120
Unit 3	210	80
Unit 4	210	90
Unit 5	500	380
Unit 6	500	0
Unit 7	500	0
	2340	810
Paras		
Unit 3	250	120
Unit 4	250	80
	500	200
Khaparkheda		
Unit 1	210	170
Unit 2	210	160
Unit 3	210	180
Unit 4	210	190
Unit 5	500	0
	1340	700
Nasik		
Unit 1	120	0
Unit 2	120	0
Unit 3	210	0
Unit 4	210	155
Unit 5	210	155
	870	310
Uran		
All Units	852	280
	852	280
Dabhol		
RGPP	1940	1560
	1940	1560
Koyna		
Stage 1-2	600	600
Stage 4	1000	250
Stage 3	320	320
	1920	1170
Hydro		
KDPH	40	36

Generating unit	Derated Capacity (MW)	OLC (MW)
VTRNA	60	0
TILLARI	60	60
BHTGR/VEER	21	4
BHIRA T.R.	80	80
RNGR+BHTSA	20	2
BHANDARDRA	45	18
ELDARY	23	0
SMLHY PTN	12	10
GHATGHAR	250	0
	611	210
PENCH (MS)		
Pench (MS)	53	
	53	
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	600	525
WARDHA	405	260
Other CPPs	0	
	1005	785
Tata		
Trombay 4	150	0
Trombay 5	500	490
Trombay 6	500	500
Trombay 7A	120	120
Trombay 7B	60	60
Trombay 8	250	0
TATA Hydro	444	447
	2024	1617
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3455	3363
	3455	3363