



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

State Load Dispatch Center, Airoli

Daily system Report

for

31/Aug/2013

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 31/Aug/2013 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	90.091	2275.753	1) Gujrat	15.253	342.633
2) Hydro	15.288	444.948	2) Madhya Pradesh	21.226	603.562
3) Gas	9.410	318.280	3) Chattisgarh	10.280	261.700
Total MSGENCO	114.789	3038.981	4) Maharashtra	65.949	1824.422
B) 1) JSW JAIGAD	20.704	657.847	5) Goa	-5.884	-154.806
2) WPCL	7.799	207.139	6) TAPS 1&2 Injection	7.471	218.168
3) ADANI	29.190	742.100	7) RGPPL Injection	0.000	0.070
4) Other CPP / IPP	9.814	207.081	8) Pench (Excess)	-0.848	-14.914
5) Wind Generation	8.698	672.426	# Total Cent. Sector	113.447	3080.835
6) PENCH (MS)	0.848	14.914	F) Other Exchanges		
C) TPCL & REL			1) With TPCL (Excess)	-19.606	-642.868
1) TPCL Thermal	16.155	479.991	G) Bilateral Power *		
2) TPCL Hydro	6.293	166.628	1) MSEDCL Bilateral	9.663	273.659
TOTAL TPCL	22.448	646.619	Include PX	0.049	-51.335
3) REL Thermal	12.498	355.853	2) MUMBAI Bilateral	18.938	562.508
D) STATE			Include PX	4.805	125.657
1) Thermal (A1+C1+C3)	118.744	3111.597	3) MUMBAI Schedule	18.938	565.750
2) Hydro (A2+B5+C2)	22.429	626.490	H) ENERGY CATERED (MUs)		
3) Gas (A3)	9.410	318.280	1) MSEDCL	285.683	7978.455
4) Wind (B4)	8.698	672.426	2) TPCL	35.588	1078.258
5) CPP (B1+B2+B3)	67.507	1101.257	3) REL	18.964	566.852
TOTAL STATE	226.788	5830.050	TOTAL STATE	340.235	9623.565

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 12 Hrs	B. Evening Peak at 17 Hrs	C. Night Minimum at 4 Hrs
MSGENCO Thermal	3791	3780	3735
MSGENCO Hydro	1425	916	92
MSGENCO Gas	455	446	314
MSGENCO Total Generation	5671	5142	4141
Central Sector Receipt	5170	4690	4443
WIND	141	584	352
CPP / IPP	2791	2870	2818
Exchange with Mumbai	-1090	-1016	-550
MSEDCL DEMAND MET	12727	12293	11240
Load Shedding	618	328	142
MSEDCL DEMAND	13345	12621	11382
TPCL GENERATION	1139	1051	577
R-INFRA GENERATION	522	522	520
TPCL+R-INFRA DEMAND	2751	2589	1647
STATE DEMAND MET	15478	14882	12887
STATE DEMAND	16096	15210	13029
Frequency (Hz)	50.15	50.14	50.19

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.44 Hz at 17:01 Hrs	49.58 Hz at 19:10 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 31/Aug/2013

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 5	2.76	67.78	140	39	120
Unit 6	2.77	83.99	134	104	115
Unit 7	0.00	20.33	0	0	0
Total	5.53	172.11			235
Bhusawal					
Unit 2	3.21	75.86	150	115	130
Unit 3	3.20	62.80	150	105	130
Unit 4	6.65	111.78	325	220	300
Unit 5	4.60	4.90	270	140	0
Total	17.66	255.35			560
Parli					
Unit 3	0.00	0.00	0	0	0
Unit 4	3.15	9.61	140	123	140
Unit 5	0.00	0.00	0	0	0
Unit 6	4.11	137.50	185	157	175
Unit 7	4.59	136.79	204	170	200
Total	11.85	283.90			515
Chandrapur					
Unit 1	2.49	62.74	137	0	130
Unit 2	1.28	54.86	153	0	0
Unit 3	1.22	62.80	135	0	120
Unit 4	3.82	47.95	193	121	140
Unit 5	0.00	0.00	0	0	0
Unit 6	7.66	149.91	390	245	320
Unit 7	8.27	192.06	396	320	350
Total	24.74	570.33			1060
Paras					
Unit 3	4.90	120.26	236	166	191
Unit 4	4.93	118.04	230	186	205
Total	9.83	238.30			396
Khaparkheda					
Unit 1	2.07	25.48	110	60	140
Unit 2	2.28	81.90	105	80	130
Unit 3	3.63	96.02	163	142	160
Unit 4	0.00	95.50	0	0	0
Unit 5	0.00	149.44	0	0	0
Total	7.98	448.35			430
Nasik					
Unit 3	4.24	133.52	195	165	200
Unit 4	3.93	42.07	171	156	190
Unit 5	4.32	131.83	202	168	200
Total	12.49	307.42			590
Uran					
All Units	9.41	318.28	462	314	290
Total	9.41	318.28			290
PENCH (MS)					
Pench (MS)	0.85	14.91	53	20	0
Total	0.85	14.91			0
Koyna					
Stage 1-2	3.93	107.38	415	40	600
Stage 4	6.77	98.29	761	0	250
Stage 3	2.45	61.39	238	0	240
Kovna 12&4 Total	10.70	205.68			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Total	13.15	267.07			1090
Hydro					
KDPH	0.00	21.46	0	0	0
VTRNA	0.00	28.05	0	0	61
TILLARI	0.47	23.23	60	0	60
BHTGR/VEER	0.11	4.95	5	4	4
BHIRA T.R.	0.26	12.67	82	0	80
RNGR+BHTSA	0.40	13.11	17	16	16
BHANDARDRA	0.00	15.99	0	0	0
ELDARY	0.00	0.00	0	0	0
SMLHY PTN	0.60	37.84	25	24	11
GHATGHAR	0.30	20.58	128	0	0
Total	2.14	177.88			232
Wind					
MalharPeth	0.36	28.34			
Vankuswadi	0.55	49.16			
ATIT	0.07	6.60			
Kale	0.19	17.14			
Satara	1.96	185.15			
Shirala	0.17	15.38			
K Mahankal	0.02	9.92			
Supa	0.08	7.48			
Vita	0.61	76.10			
Dondaicha	3.25	173.11			
Sakri	0.51	27.11			
Nandurbar	0.36	16.28			
Khandke	0.24	30.69			
Khaparale	0.35	29.99			
Total	8.70	672.43			
CPP					
JSW JAIGAD	20.70	657.85	876	796	780
WARDHA	7.80	207.14	333	308	330
Adani	29.19	742.10	1230	1200	1234
Other CPPs	9.81	207.08			369
Total	67.51	1814.17			2713
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	10.84	313.00	503	316	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	5.31	166.99	253	184	250
TATA Hydro	6.29	166.63	439	72	447
Total	22.45	646.62			1197
REL					
1&2	12.50	355.85	523	510	500
Total	12.50	355.85			500
Cent Sect					
Share					4889
Total					4889

MS PG CL	Thermal	90.09	2275.75			3786
	Thml+Gas	99.50	2594.03			4076
	Hydro	15.29	444.95			1322
	Total	114.79	3038.98			5398
State Total		226.79	5830.05			14697

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 31/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	3752	92	323	4167	561	2819	4140	4487	-651	-712	11357	97	11454	1972	13426	50.02
2	3701	92	323	4116	550	2802	4058	4422	-547	-695	11232	110	11342	1787	13129	50.06
3	3696	87	323	4106	499	2802	4020	4373	-452	-581	11235	122	11357	1700	13057	50.09
4	3735	92	314	4141	352	2818	4082	4443	-445	-550	11240	142	11382	1647	13029	50.19
5	3723	92	314	4129	296	2802	4134	4727	-447	-534	11457	162	11619	1631	13250	50.20
6	3708	300	315	4323	272	2811	4212	4770	-475	-604	11612	321	11933	1721	13654	50.11
7	3735	474	315	4524	215	2818	4489	4865	-746	-678	11780	658	12438	1808	14246	50.09
8	3808	561	334	4703	154	2805	4706	5002	-781	-624	12075	680	12755	1917	14672	50.14
9	3806	639	327	4772	158	2822	4663	5279	-704	-564	12504	656	13160	2169	15329	50.15
10	3716	1416	338	5470	143	2814	4676	5243	-910	-834	12879	492	13371	2498	15869	50.08
11	3851	1459	331	5641	131	2797	4834	5349	-1072	-1051	12900	479	13379	2713	16092	50.07
12	3791	1425	455	5671	141	2791	4893	5170	-1137	-1090	12727	618	13345	2751	16096	50.15
13	3800	772	451	5023	163	2835	5302	5554	-1164	-1093	12502	737	13239	2729	15968	50.03
14	3753	631	441	4825	251	2860	5119	5361	-1141	-981	12353	611	12964	2630	15594	50.03
15	3991	612	443	5046	373	2839	4963	5094	-1123	-938	12434	406	12840	2623	15463	49.95
16	3716	761	439	4916	416	2861	4889	5443	-1051	-967	12692	333	13025	2616	15641	50.10
17	3780	916	446	5142	584	2870	4789	4690	-955	-1016	12293	328	12621	2589	15210	50.14
18	3764	622	448	4834	591	2843	4273	3644	-780	-1254	10682	537	11219	2537	13756	50.17
19	3762	282	447	4491	549	2844	4326	4091	-869	-911	11097	378	11475	2510	13985	49.97
20	3752	812	452	5016	522	2818	4145	4262	-774	-878	11793	587	12380	2588	14968	49.85
21	3689	873	455	5017	518	2785	4209	4234	-789	-842	11759	430	12189	2547	14736	50.00
22	3670	743	454	4867	475	2743	4110	4405	-675	-749	11785	286	12071	2416	14487	50.04
23	3725	740	460	4925	420	2711	3933	4250	-570	-664	11679	224	11903	2287	14190	49.97
24	3667	795	462	4924	364	2797	4067	4289	-679	-796	11616	149	11765	2166	13931	49.95
MUs	90.09	15.29	9.41	114.79	8.70	67.51	107.03	113.45	-18.94	-19.61	285.68	9.54	295.23	54.55	349.78	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 31/Aug/2013

Position as on 6.30 Hrs of 01/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		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	
Tata Trombay 7B	60	27/07/2013	12.57		Continued.	Annual Overhaul	
Tata Trombay 7A	120	27/07/2013	13.55		Continued.	Annual Overhaul	
Cent_Sect NTPC(V-7)	500	08/08/2013	00.00	01/09/2013	09.25	AOH.	
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	
Koyna ST-IV 2	250	23/08/2013	08.35		Continued.	Spherical Valve Problem.	04/09/2013
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.	
Uran Unit 8	108	01/08/2013	17.13	31/08/2013	07.08	Gas Shortage.	
CPP WPCL U-2	135	06/08/2013	09.45		Continued.	Flame Failure	
Dabhol 2B	230	08/08/2013	15.03		Continued.	Withdrawn	
CPP JSW (J) U2	300	25/08/2013	00.00	31/08/2013	22.54	W/D Due to No Schedule.	
Uran Unit 6	108	26/08/2013	12.14		Continued.	Gas Shortage	
Cent_Sect TARAPUR-3	540	28/08/2013	09.08		Continued.	Reactor Problem.	
CPP Adani U-3	660	28/08/2013	23.07		Continued.	Turbine Vibration Very High	
CPP VIPL	300	29/08/2013	00.31	31/08/2013	11.35	Boiler Tube Leakage	
Cent_Sect Sipat-4	500	29/08/2013	11.56	31/08/2013	01.26	Boiler Tube Leakage.	
Chandrapur Unit 2	210	29/08/2013	17.34	31/08/2013	09.40	I D Fan Problem.	
Khaparkheda Unit 4	210	30/08/2013	17.10	01/09/2013	13.34	Boiler Tube Leakage.	
Chandrapur Unit 3	210	31/08/2013	09.38		Continued.	Boiler Tube Leakage.	04/09/2013
Chandrapur Unit 1	210	31/08/2013	17.52	31/08/2013	21.09	UAT Problem.	

State Load Dispatch Center,Airoli (MSETCL)
Details of Generating Unit Outages/Trippings for 31/Aug/2013

Position as on 6.30 Hrs of 01/Sep/2013

Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
Koyna Unit 4	75	01/09/2013	08.15		Continued.	To Attending TGB Oil Leakage.	
Chandrapur Unit 6	500	01/09/2013	10.25		Continued.	UAD 6D Incomer Flashover.	
Uran Unit 7	108	01/09/2013	21.57	01/09/2013	22.23	Steam Turbine Tripped.	
Uran Unit 8	108	01/09/2013	21.57	01/09/2013	22.41	Steam Turbine Tripped.	

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 31/Aug/2013

Position as on 6.30 Hrs of 01/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	30/08/2013	16.36	31/08/2013	09.40	Over Voltage.
Kolhapur-Solapur (PG) II	31/08/2013	16.42		Continued.	Over Voltage.
Solapur-Solapur(PGCIL)	31/08/2013	21.59	01/09/2013	06.36	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		
Koradi-Satpur	20/08/2013	02:43		Continued.	Over Voltage.
Kolhapur-Solapur(PGCIL)-I	30/08/2013	17.02	31/08/2013	10.51	Over Voltage.
IntraState					
Voltage Level : 500KV			Outage Type PLANNED OUTAGE		
HVDC POLE - II	22/08/2013	11.12	31/08/2013	19.09	Annual Maintenance Work. upto 28.08.13.
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.
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.
Nasik-Raymond	30/08/2013	10.24	31/08/2013	17.11	Relay Work.
Hinjawadi-I - Hinjawadi-II	31/08/2013	08.45	01/09/2013	17.25	LILLO Work of Infosys S/S.
Pedambe - Adlab	31/08/2013	10.23	31/08/2013	16.30	Attending Red Hot on B Ph. Wavetrap @ Pedambe.
Nasik-Bablsr - II	31/08/2013	11.23	31/08/2013	18.14	Diagnostic Tests & Bay Maint.Work(Taken on TBC @ Nasik)
Borivali- Aarey	01/09/2013	08.55	01/09/2013	13.18	Breaker Ispection @ Borivali End.
Kalwa - Borivali	01/09/2013	09.00	01/09/2013	13.39	To Attend Hot Spot on R Ph. Wave Trap Bootom Side & Relay Testing Work.
Nasik-Padgha- II	01/09/2013	14.31	01/09/2013	17.10	To Attend Flash Over.
Hinjewadi - I - Infosys	01/09/2013	17.24	01/09/2013	17.25	First Time Charge.
Hinjewadi-II - Infosys	01/09/2013	17.24	01/09/2013	17.25	First Time Charge
Voltage Level : 400KV			Outage Type FORCED OUTAGE		
New Koyna-Jejuri	01/09/2013	12.13		Continued.	To Attend Broken Strands of Y Ph.W/T Jumper.
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
Dabhol - New Koyna - I	24/08/2013	02.16	31/08/2013	11.35	Over Voltage.
Deepnagar-Aurangabad-I	28/08/2013	21.43		Continued.	Over Voltage
Bhusawal- Aurangabad	31/08/2013	15.47		Continued.	Over Voltage.
Karad - Kolhapur - II	31/08/2013	16.02	01/09/2013	07.52	Over Voltage.
Dabhol - Nagothane - I	01/09/2013	16.43		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.

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 31/Aug/2013

Position as on 6.30 Hrs of 01/Sep/2013

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
Alephata-Kathapur	31/08/2013	10.20	31/08/2013	17.12	To Control Overloading of Bbslr-Alephata Line.
Voltage Level : 400KV			Outage Type TRIPPED		
400/11.5KV 90 MVA STN T/F III @ 400KV C'PUR	25/09/2012	15.38	31/08/2013	10.49	Diff.prot.operated Declared Faulty
Karad - Kolhapur - II	08/08/2013	02.08	31/08/2013	12.00	Over Voltage
Karad - Kolhapur - I	30/08/2013	17.02	31/08/2013	06.27	Over Voltage.
Dabhol - New Koyana - I	31/08/2013	11.38	01/09/2013	12.44	Y Phase String Decapping.
Voltage Level : 220KV			Outage Type TRIPPED		
220/100 KV,200MVA ICT - I at Padgha	07/06/2013	17.48		Continued.	Diff.Protection
Talandge - Sawantwadi - II.	19/08/2013	16:26		Continued.	D/P.
Nasik-Padgha	31/08/2013	08.29	31/08/2013	10.31	Distance Protection.
Kandalgaon-Bhira	31/08/2013	18.40	31/08/2013	20.20	At Bhira Unit Bkr Burst.
Nasik-Padgha	01/09/2013	05.21	01/09/2013	06.08	Distance Protection.
Alephata-Kathapur	01/09/2013	11.37	01/09/2013	11.59	Distance Protection.
Karad-M'peth	01/09/2013	13.25	01/09/2013	13.39	Distance Protection.
Trombay - Tifil	01/09/2013	13.39	01/09/2013	16.42	Transient Fault.
Voltage Level : 132KV			Outage Type TRIPPED		
Shivaji Nagar - Sakri	01/09/2013	16.10	01/09/2013	16.55	Back up Protection Operated.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 01/Sep/2013

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 5	200	125
Unit 6	210	160
Unit 7	210	0
	620	285
Bhusawal		
Unit 2	210	140
Unit 3	210	140
Unit 4	500	300
Unit 5	500	0
	1420	580
Parli		
Unit 3	210	0
Unit 4	210	160
Unit 5	210	0
Unit 6	250	200
Unit 7	250	200
	1130	560
Chandrapur		
Unit 1	210	140
Unit 2	210	135
Unit 3	210	0
Unit 4	210	200
Unit 5	500	0
Unit 6	500	275
Unit 7	500	290
	2340	1040
Paras		
Unit 3	250	180
Unit 4	250	200
	500	380
Khaparkheda		
Unit 1	210	140
Unit 2	210	140
Unit 3	210	160
Unit 4	210	0
Unit 5	500	0
	1340	440
Nasik		
Unit 3	210	200
Unit 4	210	190
Unit 5	210	200
	630	590
Uran		
All Units	852	460
	852	460
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	61

Generating unit	Derated Capacity (MW)	OLC (MW)
TILLARI	60	60
BHTGR/VEER	21	4
BHIRA T.R.	80	80
RNGR+BHTSA	20	10
BHANDARDRA	45	0
ELDARY	23	0
SMLHY PTN	12	7
GHATGHAR	250	0
	611	222
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	330
Adani	1320	1234
Other CPPs	300	405
	3225	2749
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	4800
	3455	4800