



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

State Load Dispatch Center, Airoli

Daily system Report

for

13/Mar/2013

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 13/Mar/2013 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	114.204	1466.270	1) Gujrat	20.137	199.880
2) Hydro	17.275	280.532	2) Madhya Pradesh	23.168	276.240
3) Gas	10.999	119.847	3) Chattisgarh	5.560	119.620
Total MSGENCO	142.478	1866.649	4) Maharashtra	85.542	1046.487
B) 1) JSW JAIGAD	20.609	270.912	5) Goa	-6.818	-80.837
2) WPCL	8.742	100.547	6) TAPS 1&2 Injection	0.000	12.630
3) ADANI	0.000	7.110	7) RGPPL Injection	0.000	0.000
4) Other CPP / IPP	9.550	127.276	8) Pench (Excess)	-0.239	-3.959
5) Wind Generation	7.485	75.220	# Total Cent. Sector	127.350	1570.061
6) PENCH (MS)	0.239	3.959	F) Other Exchanges		
C) TPCL & REL			1) With TPCL (Excess)	-8.647	-145.837
1) TPCL Thermal	29.085	318.865	G) Bilateral Power *		
2) TPCL Hydro	4.568	66.001	1) MSEDCL Bilateral	45.696	455.881
TOTAL TPCL	33.653	384.866	Include PX	19.592	118.810
3) REL Thermal	12.644	158.006	2) MUMBAI Bilateral	13.479	171.904
D) STATE			Include PX	2.344	30.785
1) Thermal (A1+C1+C3)	155.933	1943.141	3) MUMBAI Schedule	13.479	173.730
2) Hydro (A2+B5+C2)	22.082	350.492	H) ENERGY CATERED (MUs)		
3) Gas (A3)	10.999	119.847	1) MSEDCL	307.806	3875.897
4) Wind (B4)	7.485	75.220	2) TPCL	36.333	453.981
5) CPP (B1+B2+B3)	38.901	498.735	3) REL	18.607	234.736
TOTAL STATE	235.400	2987.435	TOTAL STATE	362.746	4564.614

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 12 Hrs	B. Evening Peak at 17 Hrs	C. Night Minimum at 2 Hrs
MSGENCO Thermal	4791	4809	4772
MSGENCO Hydro	1579	726	162
MSGENCO Gas	454	460	465
MSGENCO Total Generation	6824	5995	5399
Central Sector Receipt	5920	5599	4954
WIND	98	294	301
CPP / IPP	1667	1657	1528
Exchange with Mumbai	-595	-540	-81
MSEDCL DEMAND MET	13914	13005	12101
Load Shedding	746	497	121
MSEDCL DEMAND	14660	13502	12222
TPCL GENERATION	1711	1664	1128
R-INFRA GENERATION	527	527	528
TPCL+R-INFRA DEMAND	2833	2731	1737
STATE DEMAND MET	16747	15736	13838
STATE DEMAND	17493	16233	13959
Frequency (Hz)	50.02	50.00	49.96

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.45 Hz at 06.01 Hrs	49.53 Hz at 05.11 Hrs	50	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 13/Mar/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	3.77	35.20	180	143	172
Unit 7	4.36	54.11	195	165	175
Total	8.13	89.31			347
Bhusawal					
Unit 2	3.72	51.27	165	145	150
Unit 3	3.86	45.18	170	150	150
Unit 4	0.00	78.42	0	0	0
Unit 5	1.46	13.82	160	0	0
Total	9.05	188.69			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	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	3.32	43.06	141	136	145
Unit 2	3.69	32.69	161	144	160
Unit 3	4.81	62.86	205	190	200
Unit 4	4.67	60.68	200	188	200
Unit 5	9.76	127.83	420	390	425
Unit 6	10.66	95.94	450	434	450
Unit 7	9.77	128.63	430	367	425
Total	46.68	551.70			2005
Paras					
Unit 3	6.00	55.65	261	237	250
Unit 4	5.80	71.00	258	222	250
Total	11.80	126.64			500
Khaparkheda					
Unit 1	4.13	46.10	200	120	170
Unit 2	4.06	51.99	191	145	170
Unit 3	4.73	48.81	205	155	200
Unit 4	4.72	62.18	214	169	175
Unit 5	9.76	136.80	479	348	440
Total	27.41	345.88			1155
Nasik					
Unit 3	4.05	52.84	180	150	195
Unit 4	4.07	54.62	177	164	185
Unit 5	3.02	56.59	185	0	195
Total	11.14	164.05			575
Uran					
All Units	11.00	119.85	471	440	450
Total	11.00	119.85			450
PENCH (MS)					
Pench (MS)	0.24	3.96	47	0	0
Total	0.24	3.96			0
Koyna					
Stage 1-2	3.50	78.17	530	40	600
Stage 4	7.34	108.89	1120	0	250
Stage 3	2.25	40.40	238	0	240
Kovna 12&4 Total	10.83	187.06			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Total	13.09	227.46			1090
Hydro					
KDPH	0.90	7.40	38	36	36
VTRNA	0.60	6.47	61	0	0
TILLARI	0.11	1.46	57	0	60
BHTGR/VEER	0.00	0.00	0	0	0
BHIRA T.R.	0.22	4.02	77	0	72
RNGR+BHTSA	0.34	4.48	15	14	16
BHANDARDRA	0.42	2.84	18	17	10
ELDARY	0.00	0.00			0
SMLHY PTN	1.13	13.24	47	46	10
GHATGHAR	0.48	11.71	240	0	0
Total	4.19	51.62			204
Wind					
MalharPeth	0.32	3.66			
Vankuswadi	0.54	6.13			
ATIT	0.07	1.03			
Kale	0.17	1.99			
Satara	1.34	9.89			
Shirala	0.17	2.99			
K Mahankal	0.02	5.99			
Supa	0.13	1.52			
Vita	0.72	11.03			
Dondaicha	2.82	18.57			
Sakri	0.38	2.47			
Nandurbar	0.31	1.86			
Khandke	0.27	5.19			
Khaparale	0.22	2.91			
Total	7.48	75.22			
CPP					
JSW JAIGAD	20.61	270.91	898	731	810
WARDHA	8.74	100.55	369	359	364
Adani	0.00	7.11	0	0	
Other CPPs	9.55	127.28			
Total	38.90	505.84			1174
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	11.57	152.51	502	370	500
Trombay 6	6.86	41.22	471	156	500
Trombay 7A	3.01	37.82	129	116	120
Trombay 7B	1.63	21.08	69	64	60
Trombay 8	6.02	66.24	253	249	250
TATA Hydro	4.57	66.00	411	0	447
Total	33.65	384.87			1877
REL					
1&2	12.64	158.01	528	526	500
Total	12.64	158.01			500
Cent Sect					
Share					5193
Total					5193

MS PG CL	Thermal	114.20	1466.27			4882
	Thml+Gas	125.20	1586.12			5332
	Hydro	17.28	280.53			1294
	Total	142.48	1866.65			6626
State Total		235.40	2987.44			15370

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 13/Mar/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	4798	311	465	5574	243	1647	4824	5179	-479	-269	12374	50	12424	1900	14324	50.01
2	4772	162	465	5399	301	1528	4827	4954	-449	-81	12101	121	12222	1737	13959	49.96
3	4804	186	465	5455	415	1489	4833	4945	-446	-144	12160	132	12292	1671	13963	50.06
4	4829	167	466	5462	481	1489	4815	4984	-415	-113	12303	133	12436	1617	14053	50.01
5	4793	162	466	5421	561	1491	4798	5079	-399	-88	12464	135	12599	1591	14190	50.04
6	4748	360	465	5573	572	1494	4802	5004	-398	-14	12629	329	12958	1670	14628	49.87
7	4807	320	471	5598	425	1561	4844	5056	-435	-171	12492	971	13463	1800	15263	50.04
8	4840	789	468	6097	308	1665	4845	5205	-341	-300	12998	997	13995	1957	15952	50.06
9	4874	1016	461	6351	111	1665	4884	5332	-427	-298	13184	937	14121	2210	16331	50.01
10	4830	1810	452	7092	124	1665	5056	5266	-487	-370	13798	670	14468	2548	17016	50.01
11	4828	1736	453	7017	40	1662	5447	5633	-625	-494	13858	662	14520	2785	17305	50.00
12	4791	1579	454	6824	98	1667	5618	5920	-742	-595	13914	746	14660	2833	17493	50.02
13	4851	1064	459	6374	195	1659	5637	5747	-773	-593	13382	913	14295	2767	17062	50.04
14	4862	633	459	5954	299	1651	5573	5765	-673	-542	13127	807	13934	2727	16661	50.06
15	4769	670	455	5894	347	1655	5571	5630	-709	-563	12963	640	13603	2762	16365	49.94
16	4778	799	458	6035	371	1661	5499	5611	-726	-560	13118	502	13620	2757	16377	50.00
17	4809	726	460	5995	294	1657	5460	5599	-708	-540	13005	497	13502	2731	16233	50.00
18	4776	252	464	5492	278	1660	4983	4943	-624	-500	11873	450	12323	2656	14979	50.00
19	4742	394	465	5601	333	1660	4959	5078	-573	-396	12309	0	12309	2557	14866	49.95
20	4697	1341	454	6492	326	1657	5089	5198	-598	-463	13257	0	13257	2618	15875	49.96
21	4590	1065	446	6101	428	1662	5134	5387	-628	-463	13157	0	13157	2511	15668	49.97
22	4555	681	447	5683	271	1656	5225	5406	-621	-414	12629	0	12629	2340	14969	50.07
23	4540	584	440	5564	307	1652	5072	5155	-615	-411	12267	0	12267	2186	14453	49.96
24	4521	468	441	5430	358	1648	4918	5275	-587	-265	12446	0	12446	2013	14459	50.01
MUs	114.20	17.28	11.00	142.48	7.49	38.90	122.71	127.35	-13.48	-8.65	307.81	9.69	317.50	54.94	372.44	50.00

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 13/Mar/2013

Position as on 6.30 Hrs of 14/Mar/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	15/03/2013
Parli Unit 6	250	25/01/2013	19.49		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	
Parli Unit 7	250	17/02/2013	01.00		Continued.	Water Shortage.	
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 3A	230	03/12/2012	21.23		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 3X	290	21/02/2013	23.04		Continued.	Gas shortage.	
Dabhol 3B	230	21/02/2013	23.08		Continued.	Gas shortage.	
CPP JSW (J) U1	300	27/02/2013	21:15		Continued.	Bearing Vibration Problem.	
Cent_Sect Tarapur 1	80	04/03/2013	05.30		Continued.	Pressure Pump Seal Leakage.	
Uran Unit 6	108	05/03/2013	05:30		Continued.	Gas Shortage.	
Bhusawal Unit 5	500	08/03/2013	18.22	13/03/2013	11.49	Conductivity Problem.	
Bhusawal Unit 4	500	10/03/2013	21.26		Continued.	Control cable burnt.	
CPP Adani U-2	660	11/03/2013	09.31		Continued.	Boiler Tube Leakage.	
Nasik Unit 5	210	13/03/2013	20.10		Continued.	Condensor Tube Leakage	

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 13/Mar/2013

Position as on 6.30 Hrs of 14/Mar/2013

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
InterState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
Padgha -Tarapur - I	13/03/2013	09.06	13/03/2013	19.21	Maint.work at Tarapur end
Koradi-Bhilai	13/03/2013	09.27	13/03/2013	19.05	Stringing of 765KV D/C Raipur Pooling STN-Wardha Part-I
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
Borivali-Tarapur-I	04/11/2012	09.53		Continued.	Mumbai Strengthening work to be carried out on Boiser-Borivali section upto 15/3/2013
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Warora - Deoli - II	08/03/2013	13.07		Continued.	Hand Tripped,Charged Upto Dead End Tower @ 12.52 Hrs on 8.3.2013.
Kolhapur - Mapusa - II	12/03/2013	17.06	13/03/2013	10.19	Over Voltage.
Kolhapur - Mapusa - I	13/03/2013	16.32		Continued.	Over Voltage
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
400/220 KV 105 MVA Spare ICT Unit @ Bhusawal - II	15/01/2013	09.51		Continued.	Replacement of Old Not working CT
400/220 KV 315 MVA ICT-I @ BBLR	05/03/2013	10:12		Continued.	On TBC for Replacement of LV BKR.(Problem in Pressure Switch)
400/220 KV 105 MVA Spare ICT - I at Nagothane.	05/03/2013	11:50		Continued.	Fitting of MOG & Maint. & Testing work.
400/220KV 315MVA ICT-II @ Kharghar	13/03/2013	09.42	13/03/2013	14.50	Breaker CRM and R.M.Work(Taken on TBC)
400/220 KV 315 MVA ICT-I @ Nagothane	13/03/2013	09.57		Continued.	CTR Installation,Breaker Overhauling
400/220 KV,500 MVA ICT-II At Lamboti.	13/03/2013	11.55	13/03/2013	14.59	CRM of Breaker
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
Ghodbandar - Bhoisor (MSETCL)	04/11/2012	10.35		Continued.	Mumbai Strengthening work to be carried out on Boiser-Borivali section upto 15/3/2013
Kalwa - Kharghar	15/02/2013	13.20		Continued.	Mumbai strengthening work for 20 Days.Reconfigur as 220KV Kharghar-Mahape.
220/100KV 200 MVA ICT-I @ Padgha	06/03/2013	11.41		Continued.	Isolator replacement work(Up to 26/3/13)
Peth-Nigde	09/03/2013	10.01		Continued.	Replacing Both Bus & Line Side Isolator
Kharghar-Nerul	12/03/2013	06.29		Continued.	Mumbai Strengthening Work.
220/132 KV 100MVA ICT I at Pusad	13/03/2013	09.12	13/03/2013	19.10	Commissioning of New CTR Protection
220/132KV 200MVA ICT-I at Bale	13/03/2013	09.40	13/03/2013	14.20	Q.M.Work
Kalmeshwar-Ambazari	13/03/2013	11.41	13/03/2013	17.28	R.M.Work
Girivali - Parli - III	13/03/2013	11.45	13/03/2013	18.38	Vibration Dampers work
Kalwa-Nerul	13/03/2013	11.47	13/03/2013	13.30	Red Hot (Taken on TBC)
Main Bus @ Borivali	14/03/2013	01:22	14/03/2013	04:28	Removing Temp. Jumper connecting to Main Bus Section and taking 220 KV Reliance Bus Coupler I/S.
Voltage Level : 132KV			Outage Type PLANNED OUTAGE		

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 13/Mar/2013

Position as on 6.30 Hrs of 14/Mar/2013

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
Whirlpool - Ismit	08/03/2013	08.45		Continued.	Erection of Tower & D/C String of New Conductor Outage Upto 22/3/2013.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
50 MVAR Line Reactor on 400 KV Parly Ckt.-III at Chandrapur	20/03/2012	11.50		Continued.	High tan delta of bushing.
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
Dabhol - New Koyna - I	24/02/2013	03.12		Continued.	Over Voltage.
Bhusawal- Aurangabad	27/02/2013	17.07		Continued.	Over Voltage
Dabhol-Nagothane - II	06/03/2013	17.34		Continued.	Red Hot (Ready for charging at 19.30Hrs/06.03.2013)
Khadka - Deepnagar - II	07/03/2013	06.17		Continued.	Over Voltage.
Karad - Kolhapur - I	13/03/2013	16.38		Continued.	Over Voltage
Karad - Kolhapur - II	13/03/2013	17.49		Continued.	Over Voltage
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Chikhali - Jalna - II	04/02/2013	23.36		Continued.	Due to over loading.
Parli-Usmanabad	03/03/2013	18.13		Continued.	To control load on Parli ICT.
220KVCable Borivali(M)-Gorai(R) I	05/03/2013	04.16		Continued.	H/T.
220KV Cable Borivali(M)-Gorai(R) II	05/03/2013	04.19		Continued.	H/T.
Borivali(M)-Borivali(Rel) 1	12/03/2013	04.09		Continued.	H/T.
Borivali(M)-Borivali(Rel)2	12/03/2013	04.19		Continued.	H/T.
220/132 KV 200MVA ICT I at Girwali	13/03/2013	12.29		Continued.	To reduce Load on Bus Sectionaliser
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.
Deepnagar-Aurangabad-I	12/01/2013	13.33		Continued.	Over Voltage
Karad-Kolhapur-II	12/03/2013	16.05	13/03/2013	08.50	Over Voltage.
Karad - Kolhapur - I	12/03/2013	17.02	13/03/2013	07.43	Over Voltage.
Voltage Level : 220KV			Outage Type TRIPPED		
Sonkhar-Trombay	13/03/2013	00.35	13/03/2013	17:51	R ph.PT of bus sec.II burst at Sonkhar
Sonkar - Nerul	13/03/2013	00.35	13/03/2013	01.10	R ph.PT of bus sec.II burst at Sonkhar
Kalwa-Nerul	13/03/2013	00.35	13/03/2013	01.01	R ph.PT of bus sec.II burst at Sonkhar
Parli-Usmanabad	13/03/2013	15.59	13/03/2013	19.30	Distance Protection
Voltage Level : 132KV			Outage Type TRIPPED		
Waghala - Kandhar	13/03/2013	13.01	13/03/2013	13.14	Distance Protection

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 14/Mar/2013

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 5	200	0
Unit 6	210	145
Unit 7	210	175
	620	320
Bhusawal		
Unit 2	210	150
Unit 3	210	150
Unit 4	500	0
Unit 5	500	0
	1420	300
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	160
Unit 3	210	200
Unit 4	210	200
Unit 5	500	425
Unit 6	500	450
Unit 7	500	425
	2340	2005
Paras		
Unit 3	250	250
Unit 4	250	250
	500	500
Khaparkheda		
Unit 1	210	200
Unit 2	210	200
Unit 3	210	210
Unit 4	210	210
Unit 5	500	450
	1340	1270
Nasik		
Unit 3	210	195
Unit 4	210	195
Unit 5	210	0
	630	390
Uran		
All Units	852	420
	852	420
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	60

Generating unit	Derated Capacity (MW)	OLC (MW)
TILLARI	60	57
BHTGR/VEER	21	0
BHIRA T.R.	80	80
RNGR+BHTSA	20	14
BHANDARDRA	45	18
ELDARY	23	0
SMLHY PTN	12	0
GHATGHAR	250	0
	611	265
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	823
WARDHA	405	367
Adani	660	
Other CPPs	0	
	2265	1190
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	5061
	3455	5061