



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

State Load Dispatch Center, Airoli

Daily system Report

for

12/Dec/2013

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 12/Dec/2013 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	114.562	1262.349	1) Gujrat	11.817	166.239
2) Hydro	15.806	200.738	2) Madhya Pradesh	16.922	232.884
3) Gas	7.489	87.670	3) Chattisgarh	9.440	124.790
Total MSGENCO	137.857	1550.757	4) Maharashtra	69.477	948.220
B) 1) JSW JAIGAD	19.179	232.247	5) Goa	-5.395	-65.603
2) WPCL	7.723	91.294	6) TAPS 1&2 Injection	3.892	46.234
3) ADANI	26.300	336.200	7) RGPPL Injection	6.622	38.781
4) Other CPP / IPP	8.396	93.353	8) Pench (Excess)	-0.493	-4.827
5) Wind Generation	8.466	54.396	# Total Cent. Sector	112.282	1486.718
6) PENCH (MS)	0.493	4.827	F) Other Exchanges		
7) SOLAR	0.985	9.598	1) With TPCL (Excess)	-15.596	-212.935
C) 1) TPCL Thermal	18.490	227.720	G) Bilateral Power *		
2) TPCL Hydro	4.850	56.803	1) MSEDCL Bilateral	31.073	357.845
TOTAL TPCL	23.340	284.523	Include PX	0.000	9.832
3) REL Thermal	11.518	134.566	2) MUMBAI Bilateral	14.345	208.790
D) STATE			Include PX	1.125	41.148
1) Thermal (A1+C1+C3)	144.570	1624.635	3) MUMBAI Schedule	14.345	211.589
2) Hydro (A2+B6+C2)	21.149	262.368	H) ENERGY CATERED (MUs)		
3) Gas (A3)	7.489	87.670	1) MSEDCL	306.085	3646.455
4) Wind (B5)	8.466	54.396	2) TPCL	33.093	408.872
5) CPP/IPP (B1+B2+B3+B4)	61.598	443.194	3) REL	17.359	223.149
6) SOLAR (B7)	0.985	9.598	TOTAL STATE	356.537	4278.476
TOTAL STATE	244.257	2481.861			

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 12 Hrs	B. Evening Peak at 17 Hrs	C. Night Minimum at 3 Hrs
MSGENCO Thermal	4875	4772	4576
MSGENCO Hydro	1444	1583	127
MSGENCO Gas	305	302	337
MSGENCO Total Generation	6624	6657	5040
Central Sector Receipt	5382	4752	4022
WIND	244	119	516
CPP / IPP	2797	2759	2208
SOLAR	147	42	0
Exchange with Mumbai	-837	-752	-426
MSEDCL DEMAND MET	14364	13627	11360
Load Shedding	796	518	24
MSEDCL DEMAND	15160	14145	11384
TPCL GENERATION	1223	1241	611
R-INFRA GENERATION	527	525	395
TPCL+R-INFRA DEMAND	2587	2518	1432
STATE DEMAND MET	16951	16145	12792
STATE DEMAND	17747	16663	12816
Frequency (Hz)	50.04	49.92	50.10

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.43 Hz at 05:59 Hrs	49.59 Hz at 07:23 Hrs	50.02	0 % of Time(min)

* Displayed for information, not added in total. # Total Cent. Sector includes MSEDCL and TPCL bilateral power.

Shift Engineer

Shift Incharge

State Load Dispatch Center,Airoli (MSETCL)

Daily and Progressive Generation,Maximum,Minimum,OLC Details for 12/Dec/2013

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 5	2.74	27.55	132	85	135
Unit 6	2.98	39.37	135	110	120
Unit 7	3.26	44.43	145	120	140
Total	8.98	111.35			395
Bhusawal					
Unit 2	3.61	43.12	165	140	150
Unit 3	0.00	37.64	0	0	0
Unit 4	6.14	14.16	285	200	250
Unit 5	5.12	28.39	240	170	0
Total	14.87	123.30			400
Parli					
Unit 3	0.00	0.00	0	0	0
Unit 4	4.05	46.96	180	152	180
Unit 5	3.94	32.50	175	152	170
Unit 6	4.68	53.34	221	158	220
Unit 7	4.60	51.52	217	149	220
Total	17.27	184.32			790
Chandrapur					
Unit 1	3.17	37.12	140	120	140
Unit 2	3.18	37.38	141	123	125
Unit 3	3.50	46.96	170	115	170
Unit 4	0.00	47.18	0	0	0
Unit 5	0.00	0.00	0	0	0
Unit 6	9.33	87.94	430	350	390
Unit 7	8.71	109.55	413	293	380
Total	27.90	366.13			1205
Paras					
Unit 3	5.13	58.38	238	187	240
Unit 4	5.17	62.12	233	186	240
Total	10.30	120.50			480
Khaparkheda					
Unit 1	2.85	16.94	150	85	180
Unit 2	2.94	35.82	145	80	130
Unit 3	3.06	24.92	157	0	160
Unit 4	3.62	48.46	160	145	200
Unit 5	9.86	98.92	468	335	450
Total	22.34	225.06			1120
Nasik					
Unit 3	4.35	39.72	195	170	190
Unit 4	4.25	51.01	188	166	190
Unit 5	4.32	40.94	190	169	190
Total	12.91	131.67			570
Uran					
All Units	7.49	87.67	337	285	300
Total	7.49	87.67			300
PENCH (MS)					
Pench (MS)	0.49	4.83	52	0	0
Total	0.49	4.83			0
Koyna					
Stage 1-2	3.84	51.00	580	40	600
Stage 4	5.76	75.43	1007	0	250
Stage 3	1.70	26.75	240	0	320
Koyna 12&4 Total	9.60	126.43			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Total	11.30	153.18			1170
Hydro					
KDPH	0.46	5.78	20	19	18
VTRNA	0.00	0.00	0	0	0
TILLARI	0.00	0.00	0	0	0
BHTGR/VEER	0.08	0.99	4	3	5
BHIRA T.R.	0.30	3.37	41	0	40
RNGR+BHTSA	0.37	4.57	16	15	15
BHANDARDRA	0.00	0.00	0	0	0
ELDARY	0.00	0.00	0	0	0
SMLHY PTN	0.99	11.88	42	41	10
GHATGHAR	2.31	20.97	250	0	0
Total	4.51	47.56			88
Wind					
MalharPeth	0.39	3.18			
Vankuswadi	0.89	6.59			
ATIT	0.11	2.32			
Kale	0.37	2.51			
Satara	3.74	20.14			
Shirala	0.45	2.55			
K Mahankal	0.04	0.91			
Supa	0.14	0.79			
Vita	0.63	6.56			
Dondaicha	0.84	4.89			
Sakri	0.09	0.54			
Nandurbar	0.07	0.38			
Khandke	0.43	1.56			
Khaparale	0.28	1.48			
Total	8.47	54.40			
CPP					
JSW JAIGAD	19.18	232.25	906	672	825
WARDHA	7.72	91.29	337	310	340
Adani	26.30	336.20	1230	850	1234
Other CPPs	8.40	93.35			
Total	61.60	753.09			2399
SOLAR					
Total	0.98	9.60			
Total	0.98	9.60			
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	10.42	128.36	502	318	500
Trombay 6	0.00	0.00	0	0	0
Trombay 7A	1.44	17.25	61	58	120
Trombay 7B	1.15	13.84	49	47	60
Trombay 8	5.48	68.27	253	185	250
TATA Hydro	4.85	56.80	397	0	447
Total	23.34	284.52			1377
REL					
1&2	11.52	134.57	527	394	500
Total	11.52	134.57			500
Cent Sect					
Share					4952
Total					4952
MS PG CL	Thermal	114.56	1262.35		4960
	Thml+Gas	122.05	1350.02		5260
	Hydro	15.81	200.74		1258
	Total	137.86	1550.76		6518
State Total		244.26	2481.86		15746

State Load Dispatch Center, Airoli (MSETCL)

Hourly Load Data As on 12/Dec/2013

TIME SR. NO.	MSPGCL GEN.			TOTAL	WIND	CPP / IPP	SOLAR	CS SHARE	CS RECPT	Mum.S CH.	Mum. NET EXCH.	MSEDCL DEM. MET	LOAD SHEDD NG	MSEDCL DEM. WITH LS	TPCL + R -INFRA DEMAND	STATE DEMAND	FREQ. (Hz)
	THM	HY	GAS														
1	4561	122	337	5020	415	2249	0	4236	4385	-601	-639	11430	10	11440	1659	13099	50.07
2	4573	122	337	5032	487	2215	0	4385	4258	-484	-494	11498	22	11520	1504	13024	50.09
3	4576	127	337	5040	516	2208	0	4352	4022	-420	-426	11360	24	11384	1432	12816	50.10
4	4614	131	337	5082	528	2205	0	4124	4024	-400	-384	11455	31	11486	1392	12878	50.08
5	4670	121	332	5123	525	2196	0	4163	4244	-404	-366	11722	79	11801	1393	13194	49.99
6	4756	121	327	5204	519	2326	0	4576	4487	-457	-250	12289	261	12550	1520	14070	50.01
7	4867	413	328	5608	513	2544	0	4580	4728	-501	-300	13120	694	13814	1676	15490	49.94
8	4964	506	328	5798	487	2668	16	4649	4548	-452	-288	13272	957	14229	1803	16032	49.86
9	4909	538	319	5766	360	2689	46	4754	5044	-439	-389	13566	943	14509	2066	16575	49.95
10	4899	1513	313	6725	336	2689	114	4853	4875	-560	-631	14160	722	14882	2359	17241	49.93
11	4850	1424	306	6580	288	2760	126	4991	5291	-694	-781	14315	692	15007	2557	17564	49.97
12	4875	1444	305	6624	244	2797	147	5016	5382	-726	-837	14364	796	15160	2587	17747	50.04
13	4837	1317	296	6450	174	2804	159	4991	5148	-708	-832	13903	962	14865	2581	17446	50.03
14	4834	1160	297	6291	139	2778	127	4911	5486	-611	-760	14061	844	14905	2459	17364	50.05
15	4899	1498	295	6692	131	2794	114	4756	5079	-610	-741	14069	659	14728	2500	17228	49.99
16	4730	1995	300	7025	130	2771	87	4561	4903	-621	-735	14214	546	14760	2511	17271	49.94
17	4772	1583	302	6657	119	2759	42	4596	4752	-637	-752	13627	518	14145	2518	16663	49.92
18	4807	720	306	5833	199	2766	7	4607	4320	-644	-791	12384	654	13038	2499	15537	49.90
19	4856	265	312	5433	281	2767	0	4843	4739	-735	-873	12397	520	12917	2586	15503	49.94
20	4853	159	314	5326	346	2780	0	4958	4720	-761	-851	12371	477	12848	2553	15401	50.04
21	4843	158	293	5294	338	2657	0	4759	4753	-715	-752	12317	291	12608	2347	14955	50.16
22	4725	133	296	5154	389	2563	0	4587	4636	-653	-984	11758	127	11885	2166	14051	50.18
23	4670	118	285	5073	455	2348	0	4518	4367	-808	-951	11292	74	11366	1990	13356	50.07
24	4622	118	287	5027	547	2265	0	4270	4091	-703	-789	11141	71	11212	1796	13008	50.17
MUs	114.56	15.81	7.49	137.86	8.47	61.60	0.98	111.04	112.28	-14.34	-15.60	306.08	10.97	317.06	50.45	367.51	50.02

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 12/Dec/2013

Position as on 6.30 Hrs of 13/Dec/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	
Chandrapur Unit 5	500	14/07/2013	00.01		Continued.	Condenser replacement work.	
Cent_Sect Tarapur 2	160	24/11/2013	20.42		Continued.	Maint.work.	13/12/2013
Koyna Unit 10	80	12/12/2013	08.00		Continued.	Annual Maint.Work.	
FORCED OUTAGE							
Dabhol 1B	230	28/05/2013	22.02		Continued.	Gas shortage.	
Dabhol 3A	230	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.	
Dabhol 2B	230	08/08/2013	15.03		Continued.	Gas Shortage	
CPP VIPL	300	02/10/2013	00.45		Continued.	Turbine bearing vibration high.	
CPP JSW (J) U2	300	21/10/2013	00.00		Continued.	Lack of Shedule.	
CPP WPCL U-3	135	10/11/2013	6.10		Continued.	I D Fan Problem	
CPP INDIABULLS	270	25/11/2013	00:00		Continued.	Non-availability of coal	
Uran Unit 5	108	25/11/2013	21.33		Continued.	Gas Shortage.	
CPP Adani U-3	660	01/12/2013	23.49		Continued.	TO ATTEND OIL LEAKAGE BEARING NO 7	
Uran Unit A0	120	04/12/2013	13.26		Continued.	GAS RESTRICTION	
Uran Unit 6	108	04/12/2013	13.26		Continued.	Gas Restriction	
Bhusawal Unit 3	210	11/12/2013	14.31		Continued.	BLR T/L.	
Chandrapur Unit 4	210	11/12/2013	23.21		Continued.	BLR T/L.	
Khaparkheda Unit 3	210	12/12/2013	14.51	12/12/2013	16.56	Furnace Pressure High.	

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 12/Dec/2013

Position as on 6.30 Hrs of 13/Dec/2013

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
InterState					
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
Borivali -Tarapur	07/12/2013	10.15		Continued.	MUMBAI STRENGTHENING WORK
Voltage Level : 400KV			Outage Type HAND TRIPPED		
A'bad-Talegaon PG-1	07/12/2013	10.12		Continued.	line readyfor charging
765 KV Seoni-Wardha-II	10/12/2013	1:24		Continued.	H/T TO CONTROL O/V
Kolhapur - Mapusa - I	11/12/2013	16.34	12/12/2013	09.04	Over Voltage.
Kolhapur-Solapur(PGCIL)-I	11/12/2013	16.58	12/12/2013	10.14	Over Voltage.
Solapur - Solapur (PG)	11/12/2013	21.57	12/12/2013	06.45	Over Voltage.
Dhule-Sar'Sarovar - II	11/12/2013	23.50	12/12/2013	07.24	Over Voltage.
Kolhapur - Mapusa - I	12/12/2013	16.08		Continued.	Over Voltage.
Solapur-Solapur(PGCIL)	12/12/2013	16.45	13/12/2013	06.47	Over Voltage.
Kolhapur-Solapur (PG) II	12/12/2013	17.02		Continued.	Over Voltage.
Dhule-Sar'Sarovar - I	12/12/2013	23.40		Continued.	Over Voltage.
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Wardha - Deoli (PGCIL)	05/12/2013	19.30		Continued.	To control L/L due to 220KV Wardha-Warora Outage.
Voltage Level : 400KV			Outage Type TRIPPED		
765 KV Wardha - Seoni - I	11/12/2013	19:57	12/12/2013	08.25	TRIPPED ON O/V
Karad - Solapur (PGCIL)	12/12/2013	21.53		Continued.	Over Voltage.
IntraState					
Voltage Level : 500KV			Outage Type PLANNED OUTAGE		
HCDC Pole-II @Padghe	11/12/2013	23.50	12/12/2013	00.15	Electronic card replacement.
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
400/132 KV 200 MVA ICT - II @ Khadka	11/11/2013	09.07		Continued.	Replacement of Old 200 MVA ICT Under LES Upto 04/01/2014.
400/220KV 315 MVA ICT-I @ Padgha	26/11/2013	10.25		Continued.	Taken on TBC LV Side.(15 Days)
400/220KV 315MVA ICT- I @ Chandrapur	04/12/2013	11.20		Continued.	Taken on TBC LV Side for Breaker Work.
400/220 KV 315 MVA ICT - I @ Chakan	12/12/2013	06.00	12/12/2013	18.01	Half Yearly Maint.
400/220 KV 315 MVA ICT-II @ Lonikand	12/12/2013	09.04	12/12/2013	09.54	ICT Taken on TBC from HV side main BKR Pole stuck up.
ICT II 404 C.B at Jejuri	12/12/2013	09.26	12/12/2013	12.27	ICT Charged Through Tie BKR.
Dabhol - Nagothane - I	12/12/2013	10.48		Continued.	Testing Work.RFC 19.10 Hrs.
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
Chalisgaon-Khadka II	07/10/2013	11.37		Continued.	Modification of existing Khadka-Chalisgaon line.
Bus Sectioniser @ Apta	04/12/2013	09.57	12/12/2013	15.00	Replacement of Isolator & 6 No's of CT's Upto 8.12.13.
Pusad-Nanded	05/12/2013	06.03		Continued.	220KV Ghatodi S/S LILO Work.
Ghodbandar - Bhoisor (MSETCL)	07/12/2013	10.38		Continued.	MUMBAI STRENGTENING WORK
220/132 KV 150 MVA T/F-I @ Boiser	10/12/2013	13.04		Continued.	Vaccum and drying process due to moisture in WDG.of ICT.
Pedambe -Nerale	12/12/2013	08.27	12/12/2013	18.15	Repl.of insulator.
Amalner - Dondaicha	12/12/2013	09.35	12/12/2013	13.16	For Connecting line isolator of CT

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 12/Dec/2013

Position as on 6.30 Hrs of 13/Dec/2013

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
					jumpers.
Wathar - Mudshingi	12/12/2013	10.30	12/12/2013	18.16	Repl.of insulator.
220/110KV,200 MVA ICT-III at Miraj	12/12/2013	14.36	12/12/2013	22.04	R,Y,B CT Repl.work under Jica-II.
Voltage Level : 400KV			Outage Type FORCED OUTAGE		
Chandrapur - Parli - II	11/12/2013	14.00	12/12/2013	08.14	Hot Spot RFC 19.22 Hrs.
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	30/11/2013	21.54	12/12/2013	10.41	H/T TO CONTROL OVER VOLTAGE
Bhusawal - Deepnagar - II	03/12/2013	12.08		Continued.	Over Voltage.
Deepnagar-Waluj I	03/12/2013	12:08		Continued.	Over Voltage.
Dabhol-Nagothane - II	06/12/2013	21:31	12/12/2013	09.56	OVER VOLTAGE
Karad - Kolhapur - II	08/12/2013	16.36		Continued.	OVER VOLTAGE
Bhusawal- Aurangabad	10/12/2013	17.06		Continued.	Over Voltage.
Karad-Jaigad I	11/12/2013	17.05	12/12/2013	08.52	Over Voltage.
Lonikand- Koyna Stage IV	11/12/2013	21.13	12/12/2013	09.47	Over Voltage.
Karad-Jaigad I	12/12/2013	17.09		Continued.	Over Voltage.
Lonikand- Koyna Stage IV	12/12/2013	20.09		Continued.	Over Voltage.
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Chikhali - Jalna - I	17/11/2013	18.00		Continued.	To control 220KV Paras-Chikhali Ckt Loading.
Chikhali - Jalna - II	17/11/2013	18.00		Continued.	To control 220KV Paras-Chikhali Ckt Loading.
Aurangabad - Babaleswar	30/11/2013	9.24		Continued.	TO CONTROL A'BAD ICT LOADING
Voltage Level : 132KV			Outage Type HAND TRIPPED		
Khamgaon - Warwatbakal	12/12/2013	13.50	12/12/2013	14.45	To Control 132KV Paras-Akola L/L.
Paras-Akot	12/12/2013	16.45	12/12/2013	17.45	To Control 132KV Paras-Akola L/L.
Voltage Level : 400KV			Outage Type TRIPPED		
Dabhol-Nagothane - II	12/12/2013	13.01	12/12/2013	13.44	Over Voltage.
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.	29/10/2013	17.30		Continued.	Dist Prot.

Details of On Line Capacity for 13/Dec/2013

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 5	200	130
Unit 6	210	130
Unit 7	210	140
	620	400
Bhusawal		
Unit 2	210	150
Unit 3	210	0
Unit 4	500	200
Unit 5	500	
	1420	350
Parli		
Unit 3	210	0
Unit 4	210	170
Unit 5	210	150
Unit 6	250	162
Unit 7	250	168
	1130	650
Chandrapur		
Unit 1	210	140
Unit 2	210	140
Unit 3	210	190
Unit 4	210	0
Unit 5	500	0
Unit 6	500	400
Unit 7	500	375
	2340	1245
Paras		
Unit 3	250	240
Unit 4	250	240
	500	480
Khaparkheda		
Unit 1	210	180
Unit 2	210	160
Unit 3	210	200
Unit 4	210	200
Unit 5	500	450
	1340	1190
Nasik		
Unit 3	210	190
Unit 4	210	190
Unit 5	210	190
	630	570
Uran		
All Units	852	300
	852	300
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	18
VTRNA	60	0

Generating unit	Derated Capacity (MW)	OLC (MW)
TILLARI	60	0
BHTGR/VEER	21	5
BHIRA T.R.	80	40
RNGR+BHTSA	20	15
BHANDARDRA	45	0
ELDARY	23	0
SMLHY PTN	12	10
GHATGHAR	250	0
	611	88
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	820
WARDHA	405	310
Adani	1980	1234
Other CPPs	300	
	3885	2364
SOLAR		
Total	0	
	0	
Tata		
Trombay 4	150	0
Trombay 5	500	500
Trombay 6	500	0
Trombay 7A	120	120
Trombay 7B	60	60
Trombay 8	250	250
TATA Hydro	444	447
	2024	1377
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3455	4900
	3455	4900