



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

State Load Dispatch Center, Airoli

Daily system Report

for

23/Oct/2013

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 23/Oct/2013 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	99.940	2279.651	1) Gujrat	7.307	241.705
2) Hydro	15.970	283.993	2) Madhya Pradesh	17.689	406.166
3) Gas	13.882	249.061	3) Chattisgarh	11.050	209.270
Total MSGENCO	129.792	2812.705	4) Maharashtra	76.447	1512.126
B) 1) JSW JAIGAD	18.622	504.353	5) Goa	-5.620	-128.482
2) WPCL	5.586	160.694	6) TAPS 1&2 Injection	7.730	148.393
3) ADANI	38.390	772.310	7) RGPPL Injection	0.000	0.000
4) Other CPP / IPP	4.672	220.608	8) Pench (Excess)	-0.674	-19.007
5) Wind Generation	9.495	155.949	# Total Cent. Sector	113.929	2370.171
6) PENCH (MS)	0.674	19.007	F) Other Exchanges		
C) TPCL & REL			1) With TPCL (Excess)	-21.005	-503.305
1) TPCL Thermal	21.164	462.810	G) Bilateral Power *		
2) TPCL Hydro	6.089	90.069	1) MSEDCL Bilateral	23.540	520.946
TOTAL TPCL	27.253	552.879	Include PX	0.000	-13.407
3) REL Thermal	12.293	272.678	2) MUMBAI Bilateral	18.837	440.707
D) STATE			Include PX	6.109	118.380
1) Thermal (A1+C1+C3)	133.397	3015.139	3) MUMBAI Schedule	18.837	440.867
2) Hydro (A2+B5+C2)	22.733	393.069	H) ENERGY CATERED (MUs)		
3) Gas (A3)	13.882	249.061	1) MSEDCL	300.155	6512.492
4) Wind (B4)	9.495	155.949	2) TPCL	39.233	858.712
5) CPP (B1+B2+B3)	67.270	924.045	3) REL	21.317	470.124
TOTAL STATE	246.777	4737.263	TOTAL STATE	360.705	7841.328

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 11 Hrs	B. Evening Peak at 17 Hrs	C. Night Minimum at 4 Hrs
MSGENCO Thermal	4117	4065	4161
MSGENCO Hydro	1332	1572	78
MSGENCO Gas	478	590	619
MSGENCO Total Generation	5927	6227	4858
Central Sector Receipt	5044	4939	4509
WIND	578	221	501
CPP / IPP	2962	2945	2428
Exchange with Mumbai	-1053	-1098	-670
MSEDCL DEMAND MET	13510	13287	11626
Load Shedding	422	311	108
MSEDCL DEMAND	13932	13598	11734
TPCL GENERATION	1363	1390	702
R-INFRA GENERATION	520	521	404
TPCL+R-INFRA DEMAND	2936	3009	1776
STATE DEMAND MET	16446	16296	13402
STATE DEMAND	16868	16607	13510
Frequency (Hz)	50.07	49.87	50.11

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.31 Hz at 04:01 Hrs	49.55 Hz at 18:47 Hrs	49.98	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 23/Oct/2013

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 5	0.00	8.43	0	0	0
Unit 6	3.31	66.34	150	124	138
Unit 7	3.49	56.64	168	127	148
Total	6.80	131.42			286
Bhusawal					
Unit 2	0.11	30.14	60	0	0
Unit 3	3.38	61.24	160	130	140
Unit 4	4.96	112.97	235	190	215
Unit 5	0.00	91.34	0	0	0
Total	8.44	295.69			355
Parli					
Unit 3	0.00	0.00	0	0	0
Unit 4	3.24	75.44	149	109	132
Unit 5	1.70	71.24	160	0	0
Unit 6	1.64	94.13	179	0	62
Unit 7	3.40	92.22	204	0	175
Total	9.98	333.02			369
Chandrapur					
Unit 1	3.16	67.46	140	123	140
Unit 2	1.43	55.27	138	0	140
Unit 3	3.94	62.39	185	132	190
Unit 4	4.29	74.89	195	168	200
Unit 5	0.00	0.00	0	0	0
Unit 6	9.33	182.84	426	330	400
Unit 7	8.83	169.81	404	330	400
Total	30.98	612.66			1470
Paras					
Unit 3	4.51	91.76	232	0	230
Unit 4	2.73	96.43	223	0	230
Total	7.23	188.20			460
Khaparkheda					
Unit 1	2.72	80.86	145	85	130
Unit 2	3.36	75.56	180	100	150
Unit 3	3.41	41.25	158	126	150
Unit 4	4.12	97.26	206	141	200
Unit 5	10.23	149.38	482	310	450
Total	23.84	444.31			1080
Nasik					
Unit 3	4.24	95.45	195	165	190
Unit 4	4.18	93.55	190	153	190
Unit 5	4.26	85.36	192	160	190
Total	12.67	274.36			570
Uran					
All Units	13.88	249.06	623	407	610
Total	13.88	249.06			610
PENCH (MS)					
Pench (MS)	0.67	19.01	53	0	0
Total	0.67	19.01			0
Koyna					
Stage 1-2	4.35	58.20	440	40	600
Stage 4	6.98	110.66	1110	0	250
Stage 3	2.35	38.29	240	0	240
Kovna 12&4 Total	11.33	168.85			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Total	13.68	207.14			1090
Hydro					
KDPH	0.00	5.12	0	0	0
VTRNA	0.00	6.93	0	0	0
TILLARI	0.21	6.62	59	0	60
BHTGR/VEER	0.00	0.22	0	0	0
BHIRA T.R.	0.29	6.29	41	0	40
RNGR+BHTSA	0.36	8.76	15	14	16
BHANDARDRA	0.00	4.46	0	0	0
ELDARY	0.18	7.28	8	7	0
SMLHY PTN	0.35	12.58	15	14	8
GHATGHAR	0.91	16.75	240	0	0
Total	2.29	75.01			124
Wind					
MalharPeth	0.26	7.04			
Vankuswadi	0.66	12.15			
ATIT	0.08	1.64			
Kale	0.21	4.64			
Satara	3.42	49.06			
Shirala	0.24	5.00			
K Mahankal	0.03	1.30			
Supa	0.25	1.98			
Vita	1.13	24.50			
Dondaicha	1.36	30.52			
Sakri	0.37	4.80			
Nandurbar	0.07	2.86			
Khandke	0.89	4.78			
Khaparale	0.51	5.69			
Total	9.50	155.95			
CPP					
JSW JAIGAD	18.62	504.35	882	740	778
WARDHA	5.59	160.69	237	228	235
Adani	38.39	772.31	1810	1280	1851
Other CPPs	4.67	220.61			0
Total	67.27	1657.96			2864
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	10.70	239.54	499	316	500
Trombay 6	0.00	0.00	0	0	0
Trombay 7A	3.00	60.78	129	120	120
Trombay 7B	1.69	35.98	71	69	60
Trombay 8	5.78	126.51	253	185	250
TATA Hydro	6.09	90.07	469	0	447
Total	27.25	552.88			1377
REL					
1&2	12.29	272.68	523	404	500
Total	12.29	272.68			500
Cent Sect					
Share					5248
Total					5248

MS PG CL	Thermal	99.94	2279.65			4590
	Thml+Gas	113.82	2528.71			5200
	Hydro	15.97	283.99			1214
	Total	129.79	2812.70			6414
State Total		246.78	4737.26			16403

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 23/Oct/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	4331	77	618	5026	496	2426	4783	4571	-861	-759	11765	94	11859	2178	14037	50.06
2	4346	83	618	5047	557	2433	4621	4277	-699	-676	11638	90	11728	1981	13709	50.03
3	4355	82	619	5056	556	2416	4401	4407	-574	-696	11739	90	11829	1859	13688	50.10
4	4161	78	619	4858	501	2428	4328	4509	-517	-670	11626	108	11734	1776	13510	50.11
5	4102	87	621	4810	443	2434	4340	4662	-529	-569	11780	125	11905	1754	13659	50.04
6	4109	338	619	5066	433	2523	4494	4583	-590	-499	12106	319	12425	1830	14255	49.89
7	4210	182	621	5013	452	2708	4515	4437	-590	-566	12071	805	12876	1936	14812	49.97
8	4234	255	620	5109	411	2725	4585	4735	-632	-564	12469	901	13370	2040	15410	49.94
9	4177	367	623	5167	391	2780	4746	5087	-774	-714	12764	725	13489	2324	15813	49.93
10	4106	872	407	5385	480	2903	4937	5169	-864	-815	13144	544	13688	2682	16370	50.01
11	4117	1332	478	5927	578	2962	5148	5044	-895	-1053	13510	422	13932	2936	16868	50.07
12	4026	1201	465	5692	443	2914	5209	5152	-946	-1100	13128	489	13617	3005	16622	50.06
13	4200	1095	529	5824	327	2917	5176	5054	-939	-1120	13028	636	13664	3008	16672	49.97
14	4293	1132	466	5891	272	2963	5039	4944	-859	-1041	13059	537	13596	2931	16527	50.04
15	4335	1640	566	6541	269	2921	5080	4720	-874	-1098	13400	375	13775	2990	16765	49.92
16	4254	1745	582	6581	255	2917	5006	4936	-900	-1104	13638	269	13907	3005	16912	49.84
17	4065	1572	590	6227	221	2945	4991	4939	-892	-1098	13287	311	13598	3009	16607	49.87
18	4078	774	595	5447	216	2852	4841	4427	-788	-1144	11851	424	12275	2964	15239	50.01
19	4148	1008	598	5754	240	3033	4887	4823	-895	-1112	12791	381	13172	2995	16167	49.79
20	4203	757	606	5566	292	3097	5017	4764	-909	-1072	12671	593	13264	2953	16217	50.01
21	4119	325	606	5050	307	3081	4880	4998	-834	-955	12506	412	12918	2800	15718	49.98
22	3996	263	613	4872	455	2974	4808	4643	-774	-810	12158	278	12436	2629	15065	50.02
23	4015	346	606	4967	428	2957	4665	4531	-836	-834	12082	121	12203	2523	14726	49.98
24	3960	359	597	4916	472	2961	4570	4517	-865	-936	11944	96	12040	2443	14483	49.99
MUs	99.94	15.97	13.88	129.79	9.50	67.27	115.07	113.93	-18.84	-21.00	300.16	9.14	309.30	60.55	369.85	49.98

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 23/Oct/2013

Position as on 6.30 Hrs of 24/Oct/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.	Annual Overhaul	
CPP WPCL U-2	135	16/10/2013	05.15		Continued.	Maint.Work.	
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.	
Dabhol 2B	230	08/08/2013	15.03		Continued.	Gas Shortage	
CPP WPCL U-3	135	16/09/2013	21.19		Continued.	ESP Bag filter repl.	
CPP VIPL	300	02/10/2013	00.45		Continued.	Turbine bearing vibration high.	02/11/2013
Uran Unit 5	108	05/10/2013	07.26		Continued.	Gas Shortage	
Bhusawal Unit 2	210	13/10/2013	20.14	23/10/2013	21.32	I D fan problem	
Koradi Unit 5	200	16/10/2013	10.47		Continued.	Bearing Tempe. High.	
Bhusawal Unit 5	500	18/10/2013	15.16		Continued.	ESP Problem.	
CPP JSW (J) U2	300	21/10/2013	00.00		Continued.	Lack of Shedule.	
Parli Unit 5	210	21/10/2013	00.36	23/10/2013	09.45	Boiler Validity Exten.	
Koyna Unit 11	80	22/10/2013	00.02		Continued.	Trash Track Work	29/10/2013
CPP INDIABULLS	270	22/10/2013	13.32		Continued.	Boiler Problem.	
Paras Unit 4	250	23/10/2013	03.21	23/10/2013	05.42	Flame Failure.	
Parli Unit 6	250	23/10/2013	05.50	23/10/2013	15.32	Bunker Problem.	
Parli Unit 7	250	23/10/2013	07.28	23/10/2013	11.44	Loss of Fuel	
Uran Unit B0	120	23/10/2013	09.53	23/10/2013	12.25	Governor Protection Problem	
Uran Unit 7	108	23/10/2013	09.54	23/10/2013	10.24	Governor Protection Problem	
Uran Unit 8	108	23/10/2013	09.54	23/10/2013	10.35	Governor Protection Problem	
Parli Unit 5	210	23/10/2013	10.22	23/10/2013	11.20	Turbine Protection Operated	
Chandrapur Unit 2	210	23/10/2013	11.04		Continued.	Boiler Tube Leakage	

State Load Dispatch Center,Airoli (MSETCL)
Details of Generating Unit Outages/Trippings for 23/Oct/2013

Position as on 6.30 Hrs of 24/Oct/2013

Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
Parli Unit 6	250	23/10/2013	15.37	23/10/2013	17.21	Drum Level Low	
Paras Unit 4	250	23/10/2013	15.39		Continued.	Boiler Tube Leakage	
Paras Unit 3	250	23/10/2013	20.21	24/10/2013	01.42	Furnace Pressure High	
Bhusawal Unit 2	210	24/10/2013	01.42	24/10/2013	05.00	Turbine Tripped	

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 23/Oct/2013

Position as on 6.30 Hrs of 24/Oct/2013

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
InterState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
Koradi-Bhilai	23/10/2013	12.16	23/10/2013	16.48	Hot Spot(Ckt is charged through TBC)
Solapur-Solapur(PGCIL)	23/10/2013	12.20	24/10/2013	05.58	Fixing of Vibration Damper
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
Butibori MIDC - Vipl ckt - III (Gis Bay)	21/10/2013	15:07		Continued.	To Attend Oil Leakage from B Ph Bushing.
Butibori MIDC - Vipl ckt - IV (Gis Bay)	21/10/2013	15:07		Continued.	To Attend Oil Leakage from B Ph Bushing.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Kolhapur - Mapusa - II	22/10/2013	21.28	23/10/2013	09.48	Over Voltage.
Solapur - Solapur (PG)	22/10/2013	22.00	23/10/2013	05.58	Over Voltage.
Dhule-Sar'Sarovar - II	23/10/2013	02.27	23/10/2013	09.36	Over Voltage.
Kolhapur - Mapusa - II	23/10/2013	21.49		Continued.	Over Voltage
Dhule-Sar'Sarovar - I	23/10/2013	23.04		Continued.	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		
Kolhapur-Solapur(PGCIL)-I	18/09/2013	17.01		Continued.	Over Voltage
Kolhapur-Solapur (PG) II	20/09/2013	17.08		Continued.	Due to Heavy Rains,7 No's of Towers are Damaged.
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
Dabhol - New Koyna - I	26/09/2013	18.50		Continued.	Chattering Noise at Loc.No.47
50 MVAR Reactor on 400 KV Bhusawal - II	30/09/2013	12.55		Continued.	Complete Overhauling and testing work.(For 17 days.)
TBC at Khadka	07/10/2013	17.38		Continued.	TBC BKR,B-pole stuck up existing BHEL BKR,to be repl by CGL make due to foundation mismatch.
400/220 KV 315 MVA ICT-II @ Dhule	19/10/2013	09.40	23/10/2013	10.49	Annual Maintenance & Testing Work.
Deepnagar-Waluj II	22/10/2013	08.15	23/10/2013	22.14	For LILO work of Taptitanda & RFC 18.57Hrs.
Lonikand - Chakan	23/10/2013	09.18		Continued.	Replacement of CB(Line on TBC)
TBC @ Kharghar	23/10/2013	10.30		Continued.	Isolator work
400/220 KV 500 MVA ICT-I @ Jejuri	24/10/2013	06.26		Continued.	Hot Spot
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
Chalisgaon-Khadka II	07/10/2013	11.37		Continued.	Modification of existing Khadka-Chalisgaon line.
Borivali(M)-Borivali(Rel)2	20/10/2013	09.26		Continued.	Replacement of Existing 0.5 ACSR Cond. Main Bus With High Ampacity Culew Conductor.
Kalwa-Temghar	23/10/2013	08.16	23/10/2013	18.33	Hot Spot
Pophali - Panama	23/10/2013	09.30	23/10/2013	18.35	Maint.work
Deepnagar-Khadka-II	23/10/2013	09.40	23/10/2013	13.17	Measurement of Tan Delta
Khadka-Bhadli-I	23/10/2013	09.49	23/10/2013	17.46	Testing work
220/132KV 200MVA ICT II	23/10/2013	11.06	23/10/2013	15.13	Testing work

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 23/Oct/2013

Position as on 6.30 Hrs of 24/Oct/2013

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
At Girwali					
Miraj - Mhaisai	23/10/2013	11.37	23/10/2013	16.33	Replacement of Insulator
Virur - Railway TSS-II	23/10/2013	13.00	23/10/2013	18.35	Tan Delta Measurement
Wardha-Rly.TSS-II	23/10/2013	13.41	23/10/2013	15.42	Testing of Metering CT and PT
220/132 KV 200MVA ICT I at Girwali	23/10/2013	15.19	23/10/2013	18.59	Testing work
220/132 KV 200 MVA ICT-I @ Bale	23/10/2013	17.01	23/10/2013	18.04	Oil Leakage
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-Nagothane - II	28/09/2013	21:34		Continued.	Over Voltage.
Chandrapur - Parli - II	12/10/2013	17.43		Continued.	Over Voltage.
Lonikand- Koyna Stage IV	23/10/2013	00.10	23/10/2013	06.38	Over Voltage.
400/220 KV 315 MVA ICT-II @ Dhule	23/10/2013	15.28	23/10/2013	16.22	Release of Air
Bhusawal- Aurangabad	23/10/2013	22.10		Continued.	Over Voltage
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Jambhul - Anandnagar	21/10/2013	22:35		Continued.	B Ph Wave Trap Jumper open.
Voltage Level : 400KV			Outage Type TRIPPED		
Parli-Lonikand -I	24/10/2013	06.32	24/10/2013	06.49	Tripped ar Parli end only
Voltage Level : 220KV			Outage Type TRIPPED		
220/100 KV,200MVA ICT - I at Padgha	07/06/2013	17.48		Continued.	Diff.Protection
Miraj -Ichalkarajni	26/09/2013	22.00		Continued.	Over Load

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 24/Oct/2013

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 5	200	0
Unit 6	210	145
Unit 7	210	150
	620	295
Bhusawal		
Unit 2	210	140
Unit 3	210	140
Unit 4	500	215
Unit 5	500	0
	1420	495
Parli		
Unit 3	210	0
Unit 4	210	135
Unit 5	210	155
Unit 6	250	150
Unit 7	250	170
	1130	610
Chandrapur		
Unit 1	210	140
Unit 2	210	0
Unit 3	210	180
Unit 4	210	190
Unit 5	500	0
Unit 6	500	420
Unit 7	500	350
	2340	1280
Paras		
Unit 3	250	210
Unit 4	250	0
	500	210
Khaparkheda		
Unit 1	210	180
Unit 2	210	180
Unit 3	210	190
Unit 4	210	190
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	610
	852	610
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	0
VTRNA	60	0

Generating unit	Derated Capacity (MW)	OLC (MW)
TILLARI	60	60
BHTGR/VEER	21	0
BHIRA T.R.	80	40
RNGR+BHTSA	20	15
BHANDARDRA	45	0
ELDARY	23	0
SMLHY PTN	12	8
GHATGHAR	250	0
	611	123
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	950
WARDHA	405	235
Adani	1320	1851
Other CPPs	300	
	3225	3036
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	5127
	3455	5127