



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

State Load Dispatch Center, Airoli

Daily system Report

for

27/Aug/2013

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 27/Aug/2013 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	77.591	1932.951	1) Gujrat	24.045	272.384
2) Hydro	26.058	370.679	2) Madhya Pradesh	18.299	520.908
3) Gas	7.396	287.080	3) Chattisgarh	8.690	220.950
Total MSGENCO	111.045	2590.710	4) Maharashtra	61.721	1560.258
B) 1) JSW JAIGAD	12.092	582.780	5) Goa	-5.643	-131.932
2) WPCL	7.609	176.457	6) TAPS 1&2 Injection	7.448	188.322
3) ADANI	16.300	651.980	7) RGPPL Injection	0.000	0.070
4) Other CPP / IPP	11.244	166.836	8) Pench (Excess)	-0.811	-11.316
5) Wind Generation	15.121	625.944	# Total Cent. Sector	113.749	2619.644
6) PENCH (MS)	0.811	11.316	F) Other Exchanges		
C) TPCL & REL			1) With TPCL (Excess)	-20.422	-565.708
1) TPCL Thermal	17.346	412.641	G) Bilateral Power *		
2) TPCL Hydro	6.596	139.091	1) MSEDCL Bilateral	11.231	231.695
TOTAL TPCL	23.942	551.732	Include PX	0.000	-51.434
3) REL Thermal	12.217	306.631	2) MUMBAI Bilateral	20.545	487.233
D) STATE			Include PX	4.724	105.469
1) Thermal (A1+C1+C3)	107.154	2652.223	3) MUMBAI Schedule	20.545	490.475
2) Hydro (A2+B5+C2)	33.465	521.086	H) ENERGY CATERED (MUs)		
3) Gas (A3)	7.396	287.080	1) MSEDCL	267.549	6859.959
4) Wind (B4)	15.121	625.944	2) TPCL	37.138	933.115
5) CPP (B1+B2+B3)	47.245	942.373	3) REL	19.443	490.728
TOTAL STATE	210.381	5028.706	TOTAL STATE	324.130	8283.802

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 11 Hrs	B. Evening Peak at 20 Hrs	C. Night Minimum at 4 Hrs
MSGENCO Thermal	3220	3216	3230
MSGENCO Hydro	1478	1674	187
MSGENCO Gas	303	305	318
MSGENCO Total Generation	5001	5195	3735
Central Sector Receipt	5655	4978	3651
WIND	773	427	745
CPP / IPP	2012	1808	2095
Exchange with Mumbai	-1265	-971	-286
MSEDCL DEMAND MET	12210	11457	9976
Load Shedding	406	443	96
MSEDCL DEMAND	12616	11900	10072
TPCL GENERATION	1123	1222	772
R-INFRA GENERATION	520	520	522
TPCL+R-INFRA DEMAND	2908	2713	1580
STATE DEMAND MET	15118	14170	11556
STATE DEMAND	15524	14613	11652
Frequency (Hz)	50.14	49.83	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.38 Hz at 08:01 Hrs	49.59 Hz at 19:31 Hrs	50.01	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 27/Aug/2013

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 5	3.04	56.02	155	90	150
Unit 6	3.15	72.55	156	90	155
Unit 7	0.00	20.33	0	0	0
Total	6.19	148.91			305
Bhusawal					
Unit 2	3.36	63.27	145	120	140
Unit 3	0.00	53.28	0	0	0
Unit 4	5.19	87.85	290	9	237
Unit 5	0.00	0.00	0	0	0
Total	8.56	204.40			377
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	4.14	120.50	201	125	200
Unit 7	4.07	119.51	209	145	170
Total	8.21	240.01			370
Chandrapur					
Unit 1	1.03	51.94	108	0	0
Unit 2	2.31	49.35	117	72	120
Unit 3	2.75	53.72	136	98	120
Unit 4	3.05	35.67	150	106	150
Unit 5	0.00	0.00	0	0	0
Unit 6	6.81	122.71	310	240	300
Unit 7	6.51	162.47	342	220	300
Total	22.46	475.85			990
Paras					
Unit 3	4.36	102.32	208	144	210
Unit 4	4.51	99.94	222	120	210
Total	8.87	202.26			420
Khaparkheda					
Unit 1	2.10	17.44	145	0	120
Unit 2	2.46	70.81	140	75	120
Unit 3	1.88	81.00	161	0	0
Unit 4	3.71	85.13	170	141	140
Unit 5	0.00	149.44	0	0	0
Total	10.15	403.82			380
Nasik					
Unit 3	4.52	116.26	200	175	200
Unit 4	4.12	26.93	182	158	190
Unit 5	4.51	114.52	203	165	200
Total	13.16	257.71			590
Uran					
All Units	7.40	287.08	318	300	300
Total	7.40	287.08			300
PENCH (MS)					
Pench (MS)	0.81	11.32	50	14	0
Total	0.81	11.32			0
Koyna					
Stage 1-2	7.28	86.55	565	40	600
Stage 4	10.20	68.28	787	0	250
Stage 3	3.80	49.54	240	0	240
Kovna 12&4 Total	17.49	154.82			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Total	21.29	204.36			1090
Hydro					
KDPH	0.00	21.46	0	0	0
VTRNA	1.34	26.66	61	12	61
TILLARI	0.59	20.81	59	0	60
BHTGR/VEER	0.11	4.54	5	4	4
BHIRA T.R.	0.47	11.02	82	0	80
RNGR+BHTSA	0.43	11.47	18	18	20
BHANDARDRA	0.39	15.46	17	16	0
ELDARY	0.00	0.00	0	0	0
SMLHY PTN	1.10	34.62	47	46	0
GHATGHAR	0.33	20.28	120	0	0
Total	4.77	166.32			225
Wind					
MalharPeth	0.60	26.48			
Vankuswadi	1.05	45.89			
ATIT	0.12	6.24			
Kale	0.20	16.15			
Satara	4.14	173.78			
Shirala	0.33	14.43			
K Mahankal	0.04	9.76			
Supa	0.13	6.97			
Vita	1.60	70.23			
Dondaicha	4.52	159.07			
Sakri	0.78	24.96			
Nandurbar	0.31	14.83			
Khandke	0.52	28.84			
Khaparale	0.77	28.32			
Total	15.12	625.94			
CPP					
JSW JAIGAD	12.09	582.78	569	427	510
WARDHA	7.61	176.46	327	305	324
Adani	16.30	651.98	1210	590	617
Other CPPs	11.24	166.84			389
Total	47.24	1578.05			1840
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	11.50	267.82	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	5.84	144.82	252	186	250
TATA Hydro	6.60	139.09	471	72	447
Total	23.94	551.73			1197
REL					
1&2	12.22	306.63	523	406	500
Total	12.22	306.63			500
Cent Sect					
Share					4516
Total					4516

MS PG CL	Thermal	77.59	1932.95			3432
	Thml+Gas	84.99	2220.03			3732
	Hydro	26.06	370.68			1315
	Total	111.04	2590.71			5047
State Total		210.38	5028.71			13100

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 27/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	3426	281	316	4023	753	2508	3940	3850	-728	-708	10469	63	10532	1856	12388	49.97
2	3414	187	316	3917	798	2504	3576	3857	-504	-691	10425	26	10451	1707	12158	49.96
3	3319	252	316	3887	741	2327	3323	3782	-462	-524	10250	79	10329	1624	11953	49.94
4	3230	187	318	3735	745	2095	3266	3651	-453	-286	9976	96	10072	1580	11652	49.99
5	3235	317	318	3870	657	1941	3324	3970	-491	-215	10261	108	10369	1559	11928	49.91
6	3223	610	315	4148	650	1938	3772	4287	-566	-327	10736	213	10949	1671	12620	49.91
7	3262	850	316	4428	635	1944	3888	4530	-626	-524	11050	570	11620	1861	13481	50.10
8	3240	1493	315	5048	586	1964	4017	4483	-671	-662	11457	885	12342	2036	14378	50.11
9	3235	1368	310	4913	716	1997	4206	4900	-788	-765	11811	844	12655	2338	14993	50.11
10	3206	1496	306	5008	794	1979	4479	5459	-1053	-1085	12191	455	12646	2684	15330	50.13
11	3220	1478	303	5001	773	2012	4689	5655	-1250	-1265	12210	406	12616	2908	15524	50.14
12	3251	1388	304	4943	724	1901	4790	5471	-1300	-1235	11838	529	12367	2941	15308	50.10
13	3282	1145	302	4729	707	1846	4724	5210	-1235	-1242	11277	693	11970	2918	14888	50.03
14	3208	1137	303	4648	717	1887	4632	5076	-1125	-1156	11207	607	11814	2798	14612	50.00
15	3201	1405	302	4908	548	1842	4695	5172	-1144	-1161	11347	487	11834	2829	14663	49.90
16	3283	1359	304	4946	643	1847	4811	5345	-1155	-1148	11670	387	12057	2823	14880	49.96
17	3168	1234	303	4705	626	1812	4684	5284	-1041	-1180	11284	348	11632	2810	14442	49.97
18	3167	876	303	4346	533	1837	4403	4886	-870	-1239	10383	352	10735	2752	13487	50.02
19	3183	770	304	4257	464	1808	4471	5175	-967	-994	10724	339	11063	2676	13739	50.02
20	3216	1674	305	5195	427	1808	4500	4978	-993	-971	11457	443	11900	2713	14613	49.83
21	3255	1794	305	5354	474	1814	4423	4749	-913	-839	11591	337	11928	2578	14506	49.97
22	3070	1703	307	5080	482	1810	4273	4682	-769	-758	11317	194	11511	2488	13999	50.04
23	3050	1703	305	5058	464	1883	4258	4710	-743	-718	11423	119	11542	2310	13852	50.01
24	3247	1351	300	4898	464	1941	4214	4587	-696	-729	11195	100	11295	2121	13416	50.05
MUs	77.59	26.06	7.40	111.04	15.12	47.24	101.36	113.75	-20.54	-20.42	267.55	8.68	276.23	56.58	332.81	50.01

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 27/Aug/2013

Position as on 6.30 Hrs of 28/Aug/2013

Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE							
Parli Unit 4	210	28/11/2012	02.37		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	
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	
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	
Bhusawal Unit 5	500	03/07/2013	23.40		Continued.	ESP Problem.	
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		Continued.	Gas Shortage.	
CPP Adani U-3	660	05/08/2013	20.54		Continued.	PA Fan Problem	
CPP WPCL U-2	135	06/08/2013	09.45		Continued.	Flame Failure	
Dabhol 2B	230	08/08/2013	15.03		Continued.	Withdrawn	
Bhusawal Unit 3	210	21/08/2013	23.02		Continued.	H P Control Valve Leakage	
Chandrapur Unit 1	210	22/08/2013	22.12	27/08/2013	10.23	Turbine Control Valve Leakage.	
CPP JSW (J) U4	300	24/08/2013	00.04		Continued.	No Shedule.	
Uran Unit 6	108	26/08/2013	12.14		Continued.	Gas Shortage	
Khaparkheda Unit 1	210	27/08/2013	02.09	27/08/2013	05.24	Furnace Pressure High	
CPP Adani U-2	660	27/08/2013	03.45		Continued.	Super Heater Valve Leakage	
Khaparkheda Unit 3	210	27/08/2013	05.16	27/08/2013	10.27	Furnace Draft High	

State Load Dispatch Center,Airoli (MSETCL)
Details of Generating Unit Outages/Trippings for 27/Aug/2013

Position as on 6.30 Hrs of 28/Aug/2013

Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
Koyna ST-IV 2	250	27/08/2013	06.48	27/08/2013	08.50	Frequent Excitation Fault	
Khaparkheda Unit 3	210	27/08/2013	11.03	27/08/2013	15.47	Furnace Pressure High	
Bhusawal Unit 4	500	27/08/2013	21.05	27/08/2013	22.44	Oil Shield Temp.High	

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 27/Aug/2013

Position as on 6.30 Hrs of 28/Aug/2013

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
InterState					
Voltage Level : 400KV			Outage Type FORCED OUTAGE		
Kolhapur-Solapur(PGCIL)-I	17/08/2013	17:45		Continued.	Over Voltage.
Voltage Level : 500KV			Outage Type HAND TRIPPED		
765 KV Wardha PG - Seoni - I.	20/08/2013	17:04		Continued.	Over Voltage.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Kolhapur - Mapusa - II	24/08/2013	17:16		Continued.	Over Voltage.
Solapur-Solapur(PGCIL)	26/08/2013	16.50	27/08/2013	06.40	Over Voltage
Warora - Tiroda - II	27/08/2013	03.32		Continued.	Over Voltage
Solapur - Solapur (PG)	27/08/2013	16.59	28/08/2013	06.28	Over Voltage
Akola - Wardha - I	27/08/2013	17.40	28/08/2013	06.22	Over Voltage
Padgha-Bhoisor (PGCIL)	27/08/2013	18.05	27/08/2013	18.22	To take Reactor in service
Akola - Aurangabad - I	27/08/2013	20.34	28/08/2013	06.08	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.
Akola - Aurangabad- II	27/08/2013	02.59	27/08/2013	06.38	Over Voltage
Voltage Level : 220KV			Outage Type TRIPPED		
Nasik-Navsari-I	28/08/2013	05.18	28/08/2013	06.00	Distance protection
IntraState					
Voltage Level : 500KV			Outage Type PLANNED OUTAGE		
HVDC POLE - II	22/08/2013	11.12		Continued.	Annual Maintenance Work. upto 28.08.13.
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
400/220 KV 500 MVA ICT-I @ Deepnagar	07/06/2013	17.03		Continued.	ICT charged through Tie Bay due to higher Tan Delta Values of HV side R Phase Bus-II CT
400 KV GT V at Khaparkheda	21/08/2013	17.34		Continued.	Hot Spot B Ph. 89T Isolator.
Karad - Kolhapur - I	26/08/2013	16.49	27/08/2013	08.52	Over Voltage
Padgha - Kalwa- I	27/08/2013	13.33		Continued.	Hot Spot,Taken on TBC
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.
Baramati-Kalyani	26/08/2013	11.30	27/08/2013	19.43	Replacement of CB
Karad-M'peth	27/08/2013	09.06	27/08/2013	18.28	Replacement of Old Insulator String
Miraj - Mhaisal	27/08/2013	11.00	27/08/2013	17.40	CB Overhauling
Nivali-N'koyna	27/08/2013	11.09	27/08/2013	13.25	Hot Spot
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 - I	31/07/2013	14.53		Continued.	Over Voltage
Aurangabad-Deepnagar-II	21/08/2013	14.19		Continued.	Over Voltage.
Dabhol - New Koyna - I	24/08/2013	02.16		Continued.	Over Voltage.

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 27/Aug/2013

Position as on 6.30 Hrs of 28/Aug/2013

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
Karad-Jaigad I	27/08/2013	01.36	27/08/2013	08.54	Over Voltage
Lonikand- Koyna Stage IV	27/08/2013	03.55	27/08/2013	06.35	Over Voltage
Karad-Jaigad I	27/08/2013	16.39		Continued.	Over Voltage
Karad - Kolhapur - I	27/08/2013	16.44		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.
Voltage Level : 400KV			Outage Type TRIPPED		
400/11.5KV 90 MVA STN T/F III @ 400KV C'PUR	25/09/2012	15.38		Continued.	Diff.prot.operated Declared Faulty
Karad - Kolhapur - II	08/08/2013	02.08		Continued.	Over Voltage
Bhusawal- Aurangabad	14/08/2013	08.29		Continued.	R phase Grading capacitor Burst
Akola - Indiabull (Nandgaonpeth)	27/08/2013	02.59	27/08/2013	10.11	Over Voltage
Akola - Bhusawal	27/08/2013	02.59	27/08/2013	06.33	Over Voltage
Voltage Level : 220KV			Outage Type TRIPPED		
220/100 KV, 200MVA ICT - I at Padgha	07/06/2013	17.48		Continued.	Diff.Protection
220/132KV 200MVA ICT-III at BBLSR	11/08/2013	20.20		Continued.	R-Ph LV Side Bushing Burst.
Talandge - Sawantwadi - II.	19/08/2013	16:26		Continued.	D/P.
Dhule-Chalisgaon	27/08/2013	15.55	27/08/2013	16.27	Distance Protection
Interconnector - I @ Dhule	27/08/2013	15.55	27/08/2013	16.27	Diff.Protection
Voltage Level : 132KV			Outage Type TRIPPED		
Yavatmal - Panderkawada	27/08/2013	04.50	27/08/2013	05.02	Distance protection
Girwali - Renapur	27/08/2013	19.47	27/08/2013	20.07	Distance Protection

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 28/Aug/2013

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 5	200	150
Unit 6	210	150
Unit 7	210	0
	620	300
Bhusawal		
Unit 2	210	140
Unit 3	210	0
Unit 4	500	237
Unit 5	500	
	1420	377
Parli		
Unit 3	210	0
Unit 4	210	0
Unit 5	210	0
Unit 6	250	190
Unit 7	250	200
	1130	390
Chandrapur		
Unit 1	210	90
Unit 2	210	100
Unit 3	210	110
Unit 4	210	110
Unit 5	500	0
Unit 6	500	250
Unit 7	500	280
	2340	940
Paras		
Unit 3	250	210
Unit 4	250	210
	500	420
Khaparkheda		
Unit 1	210	100
Unit 2	210	130
Unit 3	210	150
Unit 4	210	160
Unit 5	500	0
	1340	540
Nasik		
Unit 3	210	200
Unit 4	210	190
Unit 5	210	200
	630	590
Uran		
All Units	852	290
	852	290
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	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	10
ELDARY	23	0
SMLHY PTN	12	0
GHATGHAR	250	0
	611	225
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	510
WARDHA	405	320
Adani	1320	617
Other CPPs	300	389
	3225	1836
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	4660
	3455	4660