



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

State Load Dispatch Center, Airoli

Daily system Report

for

22/Nov/2012

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 22/Nov/2012 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	121.686	2416.671	1) Gujrat	13.257	271.540
2) Hydro	11.489	202.275	2) Madhya Pradesh	15.786	390.658
3) Gas	6.858	178.306	3) Chattisgarh	11.710	267.520
Total MSGENCO	140.033	2797.252	4) Maharashtra	69.081	1558.483
B) 1) JSW JAIGAD	26.420	583.615	5) Goa	-5.479	-130.866
2) WPCL	8.834	156.770	6) TAPS 1&2 Injection	3.715	82.717
3) ADANI	0.000	81.500	7) RGPPL Injection	7.714	227.612
4) Other CPP / IPP	10.410	181.923	8) Pench (Excess)	-0.461	-12.189
5) Wind Generation	1.630	81.134	# Total Cent. Sector	115.323	2655.475
6) PENCH (MS)	0.461	12.848	F) Other Exchanges		
C) TPCL & REL			1) With TPCL (Excess)	-8.931	-211.807
1) TPCL Thermal	26.106	574.974	G) Bilateral Power *		
2) TPCL Hydro	3.847	72.846	1) MSEDCL Bilateral	36.552	957.659
TOTAL TPCL	29.953	647.820	Include PX	-0.639	55.631
3) REL Thermal	11.908	269.891	2) MUMBAI Bilateral	9.416	253.926
D) STATE			Include PX	-2.348	22.868
1) Thermal (A1+C1+C3)	159.700	3261.536	3) MUMBAI Schedule	9.416	254.138
2) Hydro (A2+B5+C2)	15.797	287.969	H) ENERGY CATERED (MUs)		
3) Gas (A3)	6.858	178.306	1) MSEDCL	294.180	6338.710
4) Wind (B4)	1.630	81.134	2) TPCL	34.673	761.524
5) CPP (B1+B2+B3)	45.664	922.308	3) REL	16.117	368.031
TOTAL STATE	229.649	4731.253	TOTAL STATE	344.970	7468.265

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	5091	5214	4782
MSGENCO Hydro	1292	496	129
MSGENCO Gas	246	262	257
MSGENCO Total Generation	6629	5972	5168
Central Sector Receipt	5431	4921	4265
WIND	50	23	104
CPP / IPP	2036	1961	1729
Exchange with Mumbai	-599	-394	-234
MSEDCL DEMAND MET	13573	12483	11032
Load Shedding	788	490	31
MSEDCL DEMAND	14361	12973	11063
TPCL GENERATION	1476	1637	836
R-INFRA GENERATION	528	527	388
TPCL+R-INFRA DEMAND	2603	2558	1458
STATE DEMAND MET	16176	15041	12490
STATE DEMAND	16964	15531	12521
Frequency (Hz)	50.01	49.84	49.93

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.45 Hz at 13:01 Hrs	49.4 Hz at 15:16 Hrs	49.94	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 22/Nov/2012

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	2.39	71.12	142	0	120
Unit 7	3.28	63.42	155	120	155
Total	5.66	134.54			275
Bhusawal					
Unit 2	0.00	0.00	0	0	0
Unit 3	4.42	87.92	200	170	173
Unit 4	10.14	98.85	490	330	0
Unit 5	0.32	6.59	101	0	0
Total	14.87	193.36			173
Parli					
Unit 3	3.11	30.80	137	123	138
Unit 4	2.62	64.30	155	0	37
Unit 5	0.00	32.44	0	0	0
Unit 6	0.00	24.39	0	0	0
Unit 7	4.39	95.03	227	150	160
Total	10.12	246.95			335
Chandrapur					
Unit 1	3.66	73.66	156	149	160
Unit 2	3.69	55.53	161	131	150
Unit 3	4.68	86.24	205	174	200
Unit 4	4.30	99.74	203	55	200
Unit 5	9.82	205.29	435	365	415
Unit 6	10.46	178.22	455	375	440
Unit 7	9.36	194.33	440	326	350
Total	45.97	893.02			1915
Paras					
Unit 3	5.27	100.12	242	184	250
Unit 4	5.49	101.01	252	213	250
Total	10.76	201.13			500
Khaparkheda					
Unit 1	1.28	59.84	150	0	0
Unit 2	2.68	80.42	180	0	155
Unit 3	4.41	89.16	199	170	180
Unit 4	4.08	89.03	194	148	190
Unit 5	9.44	162.65	442	321	300
Total	21.89	481.09			825
Nasik					
Unit 3	3.88	89.60	190	120	190
Unit 4	4.25	91.13	190	162	190
Unit 5	4.28	85.84	189	167	190
Total	12.42	266.57			570
Uran					
All Units	6.86	178.31	404	238	300
Total	6.86	178.31			300
PENCH (MS)					
Pench (MS)	0.46	12.85	51	0	0
Total	0.46	12.85			0
Koyna					
Stage 1-2	3.08	66.60	425	40	445
Stage 4	2.80	51.34	418	0	250
Stage 3	1.26	25.46	160	0	320
Kovna 12&4 Total	5.89	117.95			695

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Total	7.14	143.41			1015
Hydro					
KDPH	0.46	6.38	20	19	18
VTRNA	0.37	0.37	61	0	0
TILLARI	0.19	6.24	60	0	60
BHTGR/VEER	0.08	1.87	4	3	3
BHIRA T.R.	0.14	4.04	77	0	80
RNGR+BHTSA	0.40	8.16	17	16	15
BHANDARDRA	0.00	0.00	0	0	0
ELDARY	0.00	0.00	0	0	0
SMLHY PTN	1.28	12.12	59	50	10
GHATGHAR	1.42	19.69	250	0	0
Total	4.34	58.86			186
Wind					
MalharPeth	0.10	4.71			
Vankuswadi	0.18	8.30			
ATIT	0.01	2.37			
Kale	0.04	2.42			
Satara	0.41	13.64			
Shirala	0.05	3.18			
K Mahankal	0.01	6.49			
Supa	0.04	2.00			
Vita	0.30	12.48			
Dondaicha	0.32	12.77			
Sakri	0.01	1.49			
Nandurbar	0.01	0.90			
Khandke	0.10	6.45			
Khaparale	0.04	3.93			
Total	1.63	81.13			
CPP					
JSW JAIGAD	26.42	583.62	1216	951	1100
WARDHA	8.83	156.77	372	362	367
Adani	0.00	81.50	0	0	
Other CPPs		171.51			
Total	35.25	993.40			1467
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	9.86	227.98	505	286	500
Trombay 6	5.92	120.15	472	155	500
Trombay 7A	3.00	65.33	129	120	120
Trombay 7B	1.66	36.16	71	68	60
Trombay 8	5.68	125.36	253	195	250
TATA Hydro	3.85	72.85	282	0	306
Total	29.95	647.82			1736
REL					
1&2	11.91	269.89	529	387	500
Total	11.91	269.89			500
Cent Sect					
Share					5087
Total					5087

MS PG CL	Thermal	121.69	2416.67			4593
	Thml+Gas	128.54	2594.98			4893
	Hydro	11.49	202.28			1201
	Total	140.03	2797.25			6094
State Total		229.65	4731.25			14884

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 22/Nov/2012

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	4936	188	256	5380	45	1768	4303	4524	-334	-421	11298	10	11308	1663	12971	49.98
2	4857	139	257	5253	108	1730	4202	4461	-251	-298	11254	30	11284	1521	12805	49.99
3	4782	129	257	5168	104	1729	4168	4265	-215	-234	11032	31	11063	1458	12521	49.93
4	4707	145	257	5109	106	1730	4150	4388	-195	-191	11142	41	11183	1413	12596	50.02
5	4655	135	256	5046	154	1725	4154	4498	-199	-189	11234	111	11345	1413	12758	49.87
6	4819	160	259	5238	124	1878	4318	4640	-223	-208	11688	374	12062	1496	13558	49.82
7	4964	140	259	5363	114	2033	4826	4533	-256	-207	11862	664	12526	1602	14128	49.90
8	5002	191	261	5454	135	2042	4857	5236	-300	-277	12616	768	13384	1754	15138	49.87
9	5125	251	255	5631	100	2033	4893	5453	-366	-358	12882	772	13654	2028	15682	49.84
10	5042	800	250	6092	104	2044	4895	5425	-469	-396	13294	610	13904	2338	16242	49.90
11	5005	1398	250	6653	74	2050	4938	5419	-547	-570	13652	568	14220	2574	16794	49.98
12	5091	1292	246	6629	50	2036	4998	5431	-593	-599	13573	788	14361	2603	16964	50.01
13	5006	1230	243	6479	44	2045	4934	5133	-526	-526	13202	912	14114	2596	16710	49.98
14	5151	815	241	6207	23	2041	4876	5098	-480	-442	12954	828	13782	2529	16311	50.00
15	5164	922	239	6325	40	2041	4822	4983	-449	-469	12947	667	13614	2569	16183	49.86
16	5143	1004	238	6385	24	2042	4831	5089	-461	-455	13092	585	13677	2557	16234	49.72
17	5214	496	262	5972	23	1961	4949	4921	-461	-394	12483	490	12973	2558	15531	49.84
18	5275	387	270	5932	26	1831	4244	4522	-319	-310	12001	451	12452	2537	14989	49.89
19	5192	522	310	6024	37	1817	4915	5009	-444	-398	12536	350	12886	2597	15483	50.00
20	5219	311	397	5927	40	1817	5123	4781	-475	-441	12174	331	12505	2562	15067	49.98
21	5280	253	404	5937	50	1822	4865	4799	-475	-414	12243	223	12466	2388	14854	50.02
22	5445	198	393	6036	38	1818	4594	4234	-475	-368	11809	214	12023	2202	14225	50.06
23	5368	189	399	5956	36	1819	4043	4287	-464	-409	11695	69	11764	2009	13773	50.01
24	5244	194	399	5837	31	1812	3983	4194	-437	-357	11517	60	11577	1825	13402	50.04
MUs	121.69	11.49	6.86	140.03	1.63	45.66	110.88	115.32	-9.42	-8.93	294.18	9.95	304.13	50.79	354.92	49.94

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 22/Nov/2012

Position as on 6.30 Hrs of 23/Nov/2012

Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE							
Cent_Sect Tarapur 1	80	16/07/2012	22.15		Continued.	Refueling work.	
Koradi Unit 5	200	16/09/2012	04.23		Continued.	Low Bunkering, Converted to C O H from 20/09/2012.	
Uran Unit A0	120	15/11/2012	23.56		Continued.	A/OH.	
Koyna Unit 5	80	20/11/2012	23.45		Continued.	To attend water leakage on servomotor, Outage on pressure shaft no.3 of unit	21/12/2012
Koyna Unit 6	75	21/11/2012	07.55		Continued.	Overhauling work of Spherical Valve.	21/12/2012
FORCED OUTAGE							
Tata TATA Hydro	444	05/09/2012	03:30		Continued.	BHIRA (BPSU-150MW)Unit tripped due to stator winding fault.	31/12/2012
Dabhol 2B	230	18/09/2012	18.42		Continued.	Gas shortage.	
Dabhol 1B	230	09/10/2012	13.56		Continued.	Gas Shortage.	
Bhusawal Unit 2	210	19/10/2012	22.22		Continued.	ID Fan Problem	
Dabhol 1X	290	02/11/2012	16.26		Continued.	Gas shortage.	
Dabhol 1A	230	02/11/2012	16.27		Continued.	Gas shortage.	
CPP WPCL U-4	135	05/11/2012	21.30		Continued.	Maintenance Work.	
Parli Unit 6	250	07/11/2012	09.57		Continued.	Flame Failure.	
CPP Adani	660	09/11/2012	19.16		Continued.	Tripped due to Tripping of 400KV Wardha-Warora-I.	
Dabhol 2A	230	12/11/2012	10.00		Continued.	Generator Protection.	
Dabhol 2X	290	12/11/2012	10.00		Continued.	Generator Protection.	
Bhusawal Unit 5	500	12/11/2012	20.08	22/11/2012	20.21	Vibration Problem.	
Khaparkheda Unit 1	210	16/11/2012	19.52	22/11/2012	13.16	BLR T/L.	
Parli Unit 4	210	19/11/2012	03.05	22/11/2012	03.34	Boiler Tube Leakage	
Uran Unit 5	108	19/11/2012	23.55		Continued.	Gas Shortage	
Parli Unit 5	210	20/11/2012	15.50		Continued.	Flame Failure.	
Uran Unit 7	108	21/11/2012	11.32	22/11/2012	16.37	Gas Shortage.	
Dabhol 3B	230	21/11/2012	11.41		Continued.	Gas Shortage.	
Khaparkheda Unit 2	210	22/11/2012	06.54	22/11/2012	13.11	Flame Failure.	
Koradi Unit 6	210	22/11/2012	15.25	22/11/2012	20.38	Tripped.All 3-Ph current high all monitor fails.	

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 22/Nov/2012

Position as on 6.30 Hrs of 23/Nov/2012

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
InterState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
Wardha (PG) - Warora - I	21/11/2012	11.01	22/11/2012	19.00	CRM of 89 LC of PGCIL bay II & Relay testing work.
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 31/1/2013
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Parly(PG) - Wardha (PG) - I	15/11/2012	20.53		Continued.	H/T For O/V
Dhule-Sar'Sarovar - II	15/11/2012	23.16		Continued.	Over Voltage.
Kolhapur-Solapur(PGCIL)-I	17/11/2012	11.09		Continued.	Over Voltage
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Wardha - Deoli (PGCIL)	18/11/2012	11.19		Continued.	To control Wardha-Yawatmal Loading
Voltage Level : 400KV			Outage Type TRIPPED		
Warora - Tiroda - II	09/11/2012	19.16		Continued.	Tripped due to Warora-Wardha(PG)-I on O/V.(Isolator problem at Tiroda)
Kolhapur - Mapusa - I	19/11/2012	00.01		Continued.	Over Voltage
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
400/220 KV Spare ICT @ Babaleshwar	05/07/2012	10.38		Continued.	Revamping Work of ICT-1.
Main Bus - II @ Koradi	19/11/2012	12.37		Continued.	Replacement of Disc Insulator
TBC Bay -I at N.Koyna	22/11/2012	10.29	22/11/2012	12.00	R.M.Work
400/220 KV 315 MVA ICT-III @ Padgha	22/11/2012	12.24	22/11/2012	16.16	Hot Spot (Taken on TBC).
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
220/132 KV 100 MVA ICT II at Girvali	14/04/2012	12:05		Continued.	Augumentation by 200 MVA ICT.
Kalwa - Khargar	19/10/2012	08.55		Continued.	Mumbai Strengthening work(Till 22.11.12)
Mahape - Siemens	19/10/2012	10.09		Continued.	Mumbai Strengthening work(Till 22.11.12)
Ghodbandar - Bhoisor (MSETCL)	04/11/2012	10.35		Continued.	mumbai strengthening work to be carried out on Boiser-Borivali section upto 31/1/2013
220/132 KV 100 MVA T/F - 6 @ Chinchwad	12/11/2012	11.42		Continued.	Newly Charged & Kept on Humming(In Place of 220/132KV 50 MVA) Which Was Out From 12.10.12).
Kalwa-Siemens II	21/11/2012	08.16		Continued.	Dismantling of old tower and normalization of 220KV Kalwa-Khargar line.
220/132KV 200 MVA ICT-III @ Chinchwad	22/11/2012	08.11	22/11/2012	16.59	Due to outage of Bus Section I.
Karad-Pedambe	22/11/2012	08.23	22/11/2012	17.15	R.M.Work
Chinchwad-Parvati	22/11/2012	09.24	22/11/2012	17.32	Jumpering of Bus to Sectionalizer.
220/132KV 200MVA ICT I at Parvati	22/11/2012	09.35	22/11/2012	17.13	Due to outage of Main Bus.
Pusad-Nanded	22/11/2012	09.39	22/11/2012	15.23	Repl.of R-Ph wave trap,CT side jumper palm and R.M.Work.

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 22/Nov/2012

Position as on 6.30 Hrs of 23/Nov/2012

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
Main Bus at Parvati	22/11/2012	09.45	22/11/2012	17.12	Jumpering of Bus to Sectionalizer.
Wardha - Yawatmal	22/11/2012	09.46	22/11/2012	12.09	Repl.of Y-Ph jumper of line side isolator of CT.
Kanhan - Bhandara - I	22/11/2012	10.20	22/11/2012	17.39	Taurus signature of lines.
Aurangabad-Chitegaon-II	22/11/2012	11.45	22/11/2012	21.14	Taking A/R in service and CB testing.
Jejuri - Baramati	22/11/2012	12.24		Continued.	Hot Spot.
Voltage Level : 132KV			Outage Type PLANNED OUTAGE		
Chinchwad-Bajaj	22/11/2012	07.48	22/11/2012	18.13	Due to outage of Bus Section I.
Bus Section at 220KV Chinchwad.	22/11/2012	08.11	22/11/2012	16.57	Conversion of single to twin conductor of Bus.
Chinchwad-Rahatri	22/11/2012	08.11	22/11/2012	18.10	Due to outage of Bus Section I.
Chinchwad-Chakan	22/11/2012	08.20	22/11/2012	18.40	Due to outage of Bus Section I.
Ranjangaon-Whirpool	22/11/2012	09.13	22/11/2012	18.38	Stringing of Loc.0 to Loc.No.1.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
400/220 KV 100 MVA Spare Unit @ Koradi	12/07/2012	07.11		Continued.	Main Buchholz Alarm. Proposed for Repairs.
Aurangabad-Deepnagar-II	17/11/2012	09.10		Continued.	Over Voltage
Karad-Kolhapur-II	21/11/2012	16.28	22/11/2012	08.53	Over Voltage.
Bhusawal- Aurangabad	21/11/2012	17.05	22/11/2012	06.54	Over Voltage.
Lonikand- Koyna Stage IV	21/11/2012	22.22	22/11/2012	07.54	Over Voltage.
Karad - Kolhapur - II	22/11/2012	16.29		Continued.	Over Voltage.
Bhusawal- Aurangabad	22/11/2012	17.16		Continued.	Over Voltage.
Karad - Kolhapur - I	22/11/2012	21.07		Continued.	Over Voltage.
Lonikand- Koyna Stage IV	22/11/2012	22.44		Continued.	Over Voltage.
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Bhugaon-Wardha	22/11/2012	10.00	22/11/2012	12.16	220KV Wardha-Y'mal ckt outage.
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. Sent for Repairs.
Voltage Level : 132KV			Outage Type TRIPPED		
Jalna - Jalna MIDC	22/11/2012	12.55	22/11/2012	16.26	Dist.protecction.
Pardi- Besa	22/11/2012	13.32	22/11/2012	14.44	Dist.protection.
Bhusawal - Muktainagar	22/11/2012	13.52	22/11/2012	18.28	At loc.no.344,jumper open from PG clamp of Y-Ph.
JALNA-KANHAIYYA NAGAR CKT	22/11/2012	14.24	22/11/2012	14.45	Back up protection operated.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 23/Nov/2012

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 5	200	0
Unit 6	210	130
Unit 7	210	140
	620	270
Bhusawal		
Unit 2	210	0
Unit 3	210	173
Unit 4	500	
Unit 5	500	
	1420	173
Parli		
Unit 3	210	115
Unit 4	210	133
Unit 5	210	0
Unit 6	250	0
Unit 7	250	180
	1130	428
Chandrapur		
Unit 1	210	160
Unit 2	210	160
Unit 3	210	175
Unit 4	210	160
Unit 5	500	360
Unit 6	500	450
Unit 7	500	400
	2340	1865
Paras		
Unit 3	250	220
Unit 4	250	230
	500	450
Khaparkheda		
Unit 1	210	170
Unit 2	210	170
Unit 3	210	180
Unit 4	210	180
Unit 5	500	380
	1340	1080
Nasik		
Unit 3	210	190
Unit 4	210	190
Unit 5	210	190
	630	570
Uran		
All Units	852	405
	852	405
PENCH (MS)		
Pench (MS)	53	
	53	
Koyna		
Stage 1-2	600	440
Stage 4	1000	250
Stage 3	320	320
	1920	1010
Hydro		
KDPH	40	18
VTRNA	60	61

Generating unit	Derated Capacity (MW)	OLC (MW)
TILLARI	60	60
BHTGR/VEER	21	4
BHIRA T.R.	80	40
RNGR+BHTSA	20	15
BHANDARDRA	45	0
ELDARY	23	0
SMLHY PTN	12	10
GHATGHAR	250	0
	611	208
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	600	1100
WARDHA	405	377
Adani	660	
Other CPPs	0	
	1665	1477
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	315
	2024	1745
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3455	5055
	3455	5055