



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

State Load Dispatch Center, Airoli

Daily system Report

for

03/Oct/2012

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 03/Oct/2012 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	90.683	296.449	1) Gujrat	7.421	34.418
2) Hydro	6.019	19.887	2) Madhya Pradesh	18.288	52.804
3) Gas	7.458	22.104	3) Chattisgarh	11.530	34.600
Total MSGENCO	104.160	338.440	4) Maharashtra	55.975	162.668
B) 1) JSW JAIGAD	26.828	80.243	5) Goa	-5.503	-16.812
2) WPCL	9.856	28.917	6) TAPS 1&2 Injection	4.291	13.205
3) ADANI	11.370	33.430	7) RGPPL Injection	14.957	38.749
4) Other CPP / IPP	5.339	15.175	8) Pench (Excess)	-0.736	-1.717
5) Wind Generation	5.922	10.653	# Total Cent. Sector	106.223	317.915
6) PENCH (MS)	0.736	1.717	F) Other Exchanges		
C) TPCL & REL			1) With TPCL (Excess)	-12.968	-38.626
1) TPCL Thermal	29.421	83.084	G) Bilateral Power *		
2) TPCL Hydro	4.366	12.514	1) MSEDCL Bilateral	42.612	140.150
TOTAL TPCL	33.787	95.598	Include PX	0.000	7.285
3) REL Thermal	12.396	37.278	2) MUMBAI Bilateral	15.615	41.425
D) STATE			Include PX	4.908	8.592
1) Thermal (A1+C1+C3)	132.500	416.811	3) MUMBAI Schedule	15.615	41.425
2) Hydro (A2+B5+C2)	11.121	34.118	H) ENERGY CATERED (MUs)		
3) Gas (A3)	7.458	22.104	1) MSEDCL	257.466	787.864
4) Wind (B4)	5.922	10.653	2) TPCL	39.942	114.715
5) CPP (B1+B2+B3)	53.393	135.705	3) REL	19.207	56.777
TOTAL STATE	210.394	619.391	TOTAL STATE	316.615	959.356

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 12 Hrs	B. Evening Peak at 19 Hrs	C. Night Minimum at 4 Hrs
MSGENCO Thermal	3495	3695	3927
MSGENCO Hydro	699	692	86
MSGENCO Gas	305	310	324
MSGENCO Total Generation	4499	4697	4337
Central Sector Receipt	4941	5063	3467
WIND	107	555	162
CPP / IPP	2275	2335	2191
Exchange with Mumbai	-789	-610	-423
MSEDCL DEMAND MET	11059	12093	9784
Load Shedding	518	303	30
MSEDCL DEMAND	11577	12396	9814
TPCL GENERATION	1716	1719	836
R-INFRA GENERATION	522	522	428
TPCL+R-INFRA DEMAND	3027	2851	1687
STATE DEMAND MET	14086	14944	11471
STATE DEMAND	14604	15247	11501
Frequency (Hz)	49.81	50.03	50.03

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.36 Hz at 04.04 Hrs	49.52 Hz at 22.36 Hrs	49.97	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 03/Oct/2012

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 5	0.00	0.00	0	0	
Unit 6	2.15	7.05	110	54	
Unit 7	1.53	6.52	95	20	
Total	3.67	13.56			
Bhusawal					
Unit 2	0.00	2.88	0	0	
Unit 3	3.54	10.22	175	130	
Unit 4	0.00	0.00	0	0	
Unit 5	0.00	0.00	0	0	
Total	3.54	13.10			
Parli					
Unit 3	2.99	9.27	137	112	
Unit 4	3.54	10.39	163	132	
Unit 5	0.00	0.00	0	0	
Unit 6	3.98	11.56	199	127	
Unit 7	4.12	12.10	198	162	
Total	14.63	43.32			
Chandrapur					
Unit 1	2.68	9.37	132	103	
Unit 2	2.61	8.75	124	78	
Unit 3	2.35	9.34	153	48	
Unit 4	1.95	9.04	157	0	
Unit 5	5.83	20.35	290	200	
Unit 6	5.60	23.75	308	140	
Unit 7	6.66	23.13	347	221	
Total	27.68	103.74			
Paras					
Unit 3	4.03	13.33	220	0	
Unit 4	4.67	13.14	217	163	
Total	8.70	26.47			
Khaparkheda					
Unit 1	3.70	7.21	170	140	
Unit 2	3.63	10.61	170	128	
Unit 3	3.84	11.61	165	150	
Unit 4	3.74	11.20	170	144	
Unit 5	6.91	20.11	336	217	
Total	21.83	60.74			
Nasik					
Unit 3	4.12	12.80	190	150	
Unit 4	3.44	11.67	191	0	
Unit 5	3.07	11.04	180	0	
Total	10.63	35.51			
Uran					
All Units	7.46	22.10	325	295	
Total	7.46	22.10			
PENCH (MS)					
Pench (MS)	0.74	1.72	53	0	
Total	0.74	1.72			
Koyna					
Stage 1-2	1.32	6.29	135	40	
Stage 4	0.74	3.45	234	0	
Stage 3	0.78	2.23	138	0	
Kovna 12&4 Total	2.06	9.74			0

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Total	2.84	11.97			
Hydro					
KDPH	0.00	0.19	0	0	
VTRNA	0.00	0.00	0	0	
TILLARI	0.46	1.37	60	0	
BHTGR/VEER	0.15	0.46	7	6	
BHIRA T.R.	0.30	0.76	81	0	
RNGR+BHTSA	0.00	0.67	0	0	
BHANDARDRA	0.52	1.03	22	21	
ELDARY	0.00	0.00	0	0	
SMLHY PTN	0.48	1.30	28	17	
GHATGHAR	1.28	2.13	240	0	
Total	3.18	7.92			
Wind					
MalharPeth	0.14	0.46			
Vankuswadi	0.18	0.67			
ATIT	0.02	0.08			
Kale	0.09	0.24			
Satara	0.83	1.00			
Shirala	0.10	0.25			
K Mahankal	0.03	1.10			
Supa	0.04	0.17			
Vita	1.18	2.10			
Dondaicha	2.64	3.31			
Sakri	0.10	0.23			
Nandurbar	0.27	0.34			
Khandke	0.12	0.33			
Khaparale	0.19	0.37			
Total	5.92	10.65			
CPP					
JSW JAIGAD	26.83	80.24	1212	959	
WARDHA	9.86	28.92	439	338	
Adani	11.37	33.43	490	450	
Other CPPs	5.34	15.18			
Total	53.39	157.76			
Tata					
Trombay 4	0.00	0.00	0	0	
Trombay 5	10.94	32.54	506	291	
Trombay 6	8.10	21.18	474	156	
Trombay 7A	2.92	7.19	126	102	
Trombay 7B	1.62	4.40	69	60	
Trombay 8	5.83	17.77	256	196	
TATA Hydro	4.37	12.51	306	0	
Total	33.79	95.60			
REL					
1&2	12.40	37.28	527	428	
Total	12.40	37.28			
Cent Sect					
Share					
Total					

MS PG CL	Thermal	90.68	296.45			0
	Thml+Gas	98.14	318.55			0
	Hydro	6.02	19.89			0
	Total	104.16	338.44			0
State Total		210.39	619.39			0

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 03/Oct/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	3821	101	323	4245	191	2173	3929	3882	-515	-594	9927	6	9933	2058	11991	49.98
2	3776	86	323	4185	214	2186	3609	3818	-421	-513	9940	20	9960	1869	11829	49.96
3	3856	91	324	4271	212	2170	3587	3505	-399	-443	9765	20	9785	1739	11524	49.98
4	3927	86	324	4337	162	2191	3598	3467	-369	-423	9784	30	9814	1687	11501	50.03
5	3950	91	325	4366	91	2162	3669	3545	-403	-351	9863	40	9903	1691	11594	50.14
6	3970	96	324	4390	42	2164	4045	4006	-366	-235	10385	118	10503	1783	12286	49.95
7	4016	90	321	4427	26	2145	4116	4025	-405	-271	10390	328	10718	1888	12606	49.98
8	4004	127	312	4443	38	2148	4111	4213	-440	-290	10602	349	10951	2034	12985	49.94
9	3894	357	310	4561	51	2125	4147	4168	-492	-407	10548	559	11107	2337	13444	49.93
10	3899	400	310	4609	79	2172	4510	4548	-594	-540	10875	478	11353	2698	14051	49.93
11	3700	435	297	4432	99	2159	4881	5093	-865	-725	11084	389	11473	2956	14429	49.83
12	3495	699	305	4499	107	2275	5021	4941	-984	-789	11059	518	11577	3027	14604	49.81
13	3545	332	304	4181	123	2321	4981	4928	-956	-768	10795	613	11408	3010	14418	49.98
14	3615	188	300	4103	138	2265	4909	4816	-880	-670	10662	577	11239	2919	14158	50.02
15	3607	146	299	4052	331	2230	4846	5136	-890	-725	11028	497	11525	2966	14491	49.96
16	3638	192	295	4125	400	2306	4719	4621	-916	-733	10719	427	11146	2976	14122	49.91
17	3721	95	304	4120	473	2312	4753	4657	-886	-719	10843	348	11191	2961	14152	49.92
18	3750	149	308	4207	502	2319	4721	4672	-788	-632	11068	278	11346	2872	14218	50.04
19	3695	692	310	4697	555	2335	4801	5063	-731	-610	12093	303	12396	2851	15247	50.03
20	3705	610	308	4623	481	2341	4842	4908	-744	-615	11791	520	12311	2855	15166	50.07
21	3709	502	308	4519	434	2336	4744	4639	-650	-513	11452	482	11934	2731	14665	49.96
22	3772	204	306	4282	406	2312	4642	4508	-648	-477	11051	468	11519	2558	14077	50.05
23	3831	120	308	4259	405	2167	4569	4660	-661	-499	11043	181	11224	2415	13639	49.86
24	3787	130	310	4227	363	2079	4432	4402	-613	-426	10698	132	10830	2270	13100	50.06
MUs	90.68	6.02	7.46	104.16	5.92	53.39	106.18	106.22	-15.62	-12.97	257.46	7.68	265.15	59.15	324.30	49.97

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 03/Oct/2012

Position as on 6.30 Hrs of 04/Oct/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.	01/10/2012
Koyna ST-IV 2	250	20/08/2012	12.22		Continued.	Buchholz relay alarm.Gen.T/F overhauling	20/11/2012
Cent_Sect NTPC(K-3)	210	06/09/2012	00.13		Continued.	AOH.	
Parli Unit 5	210	06/09/2012	04.20		Continued.	Flame failure,converted to C.O.H from 15.09.2012(intimated on	29/10/2012
Koradi Unit 5	200	16/09/2012	04.23		Continued.	Low Bunkering, Converted to C O H from 20/09/2012.	
FORCED OUTAGE							
Dabhol 1B	230	23/07/2012	15.57		Continued.	Combustion Inspection	
Tata TATA Hydro	444	05/09/2012	03:30		Continued.	BHIRA (BPSU-150MW)Unit tripped due to stator winding fault.	
Uran Unit 8	108	10/09/2012	21.07		Continued.	Gas shortage.	
Dabhol 2B	230	18/09/2012	18.42		Continued.	Gas shortage.	
Dabhol 3A	230	23/09/2012	09.35		Continued.	Gas Shortage.	
Bhusawal Unit 4	500	24/09/2012	01.35		Continued.	Boiler Tube Leakage.	01/10/2012
Bhusawal Unit 5	500	29/09/2012	23.17		Continued.	B.T.G. & D.O.P. Work.	
Bhusawal Unit 2	210	01/10/2012	22.38		Continued.	Boiler Validity Ext.	
Paras Unit 3	250	02/10/2012	23:05	03/10/2012	02:08	Furance Pressure High.	
Nasik Unit 4	210	03/10/2012	10.40	03/10/2012	14.40	Electrical fault.	
Nasik Unit 5	210	03/10/2012	10.40	03/10/2012	15.45	Electrical fault.	
Chandrapur Unit 4	210	03/10/2012	17.52	03/10/2012	21.49	Furnace pressure high.	

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 03/Oct/2012

Position as on 6.30 Hrs of 04/Oct/2012

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
InterState					
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Kolhapur-Solapur (PG) II	25/09/2012	20.43		Continued.	Over Voltage.
Kolhapur - Mapusa - II	27/09/2012	16.10		Continued.	Over Voltage.
Kolhapur-Solapur(PGCIL)-I	27/09/2012	23.48		Continued.	Over Voltage.
Dhule-Sar'Sarovar - II	02/10/2012	22.46		Continued.	Over Voltage.
Akola - Wardha - I	03/10/2012	06.14	03/10/2012	06.39	Over Voltage.
Parli-Parli (PGCIL) I	03/10/2012	13.51		Continued.	To control Parly-Lonikand line loading.
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
400/220 KV Spare ICT @ Babaleshwar	05/07/2012	10.38		Continued.	Maintenance work.
400/220KV,200MVA Spare ICT at Kalwa.	22/08/2012	09.57		Continued.	Replacement of Isolator
400/220 KV 315 MVA ICT-III @ Padgha	29/09/2012	09.46		Continued.	B Ph.of A Bus PG Isolator (Taken on TBC for 2 Days).
TBC @ Kharghar	03/10/2012	10.03	03/10/2012	17.36	Demo on capacitance and tan delta kit.
TBC at Khadka	03/10/2012	10.37	03/10/2012	18.50	Testing work.
Bus Coupler @ Bhusawal	03/10/2012	11.00	03/10/2012	18.49	With TBC bay for protect transfer.
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.
220/6.6kv Stn. T/F NO.IV @ KORADI	25/09/2012	13.06		Continued.	Testing work.
Dhule-Chalisingaon	01/10/2012	13.14		Continued.	For Conneeting New Bbslr Ckt-II TO S/S Main Bus.
220/132 KV 200 MVA ICT - II @ Bhusawal	03/10/2012	08.35	03/10/2012	16.52	Testing work.
Koradi-Butibori	03/10/2012	09.44	03/10/2012	16.53	Tan delta of CT.
Ghatghar - Washala	03/10/2012	10.00	03/10/2012	13.55	B ph.CT oil leakage.
Lamboti-Bale-II	03/10/2012	10.30		Continued.	Retrofitting of distance relay.
Kanhan - Umred - II	03/10/2012	11.04	03/10/2012	15.52	Line isolator alignment work.
Main Bus at Tembhurani	03/10/2012	13.15	03/10/2012	16.15	Maintenance work.
Nagothane-MSL	03/10/2012	14.00		Continued.	Job completion of open access.
220/100KV 50 MVA T/F-III @ Kandalgaon	03/10/2012	14.17	03/10/2012	15.20	Oil leakage attending work.
Voltage Level : 132KV			Outage Type PLANNED OUTAGE		
Jeur-Kurduwadi	03/10/2012	07.15	03/10/2012	18.40	Dismantling of old CB and erection of New.
Voltage Level : 220KV			Outage Type FORCED OUTAGE		
P'pur-Malinagar	03/10/2012	18.05	03/10/2012	19.45	Replacement of insulator string.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
400/220 KV 100 MVA Spare Unit @ Koradi	12/07/2012	07.11		Continued.	Main Buchholz protection operated.
Bhusawal- Aurangabad	30/09/2012	16.23		Continued.	Over Voltage.(Repl.of insulator.opp.outage on 27.09.2012)
Lonikand- Koyna Stage IV	02/10/2012	23:32	03/10/2012	08.12	Over Voltage.
Lonikand- Koyna Stage IV	03/10/2012	23.42		Continued.	Over Voltage.
Voltage Level : 220KV			Outage Type HAND TRIPPED		

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 03/Oct/2012

Position as on 6.30 Hrs of 04/Oct/2012

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
Magarpatta - Sirum	21/07/2012	19.18		Continued.	To free TBC of Magarpatta.
Babaleshwar - Chalisgaon	27/09/2012	15.02		Continued.	To Relief Dhule ICT Loading.
Lonikand-Ranjangaon	03/10/2012	11.30	03/10/2012	19.57	To control Parli-Ionikand line loading.
Kandalgaon - ONGC	03/10/2012	21.58	04/10/2012	00.24	H/T due to heavy sparking in bus sectionalizer.
Kandalgaon - Lonand	03/10/2012	21.58	04/10/2012	00.05	H/T due to heavy sparking in bus sectionalizer.
Kandalgaon - Pirangut	03/10/2012	21.58	04/10/2012	00.14	H/T due to heavy sparking in bus sectionalizer.
Kandalgaon-Bhira	03/10/2012	21.58	04/10/2012	00.16	H/T due to heavy sparking in bus sectionalizer.
Kandalgaon - Topworth	03/10/2012	21.58	04/10/2012	00.15	H/T due to heavy sparking in bus sectionalizer.
Kandalgaon-Koyna	03/10/2012	21.58	04/10/2012	00.02	H/T due to heavy sparking in bus sectionalizer.
Kandalgaon - Dasturi	03/10/2012	21.58	03/10/2012	23.21	H/T due to heavy sparking in bus sectionalizer.
Voltage Level : 400KV			Outage Type TRIPPED		
400/220 KV 315 MVA ICT-II @ Dhule	04/08/2012	17.21		Continued.	B Ph. H V Side ICT-II Bushing Burst.
400/11.5KV 90 MVA STN T/F III @ 400KV C'PUR	25/09/2012	15.38		Continued.	Differential protection operated.
Deepnagar-Aurangabad-I	29/09/2012	11.31		Continued.	Dist.Prot.,Ready for Charging from 20.58 Hrs.
Karad - Kolhapur - II	30/09/2012	19.25		Continued.	On O/V Due to Heavy Lightning @ Karad.
Karad-Jaigad I	02/10/2012	05.05	03/10/2012	09.25	Over Voltage.
400/220 KV 500 MVA ICT - I @ Lamboti	03/10/2012	11.11	03/10/2012	11.15	During testing of relay of 220KV Bale-Lamboti-2.
Voltage Level : 220KV			Outage Type TRIPPED		
Mudshingi - Chikodi	30/09/2012	19.40		Continued.	Distance Protection.
Deepnagar - Bambhori	03/10/2012	14.19	03/10/2012	14.57	Distance protection operated Z-2.
GIS bus sectionalizer at Kandalgaon.	03/10/2012	20.05	03/10/2012	23.31	PDR Tripped.
220/100KV 50 MVA T/F-III @ Kandalgaon	03/10/2012	20.08	03/10/2012	23.38	PDR Tripped.
220/100 KV 100 MVA T/F - IV @ Kandalgaon	03/10/2012	20.08	04/10/2012	01.20	PDR Tripped.
220/22 KV 50 MVA T/F-I @ K'gaon	03/10/2012	21.58	03/10/2012	23.30	Due to tripping of GIS bus sectionalizer.
220/22KV 50 MVA T/F- II @ Kandalgaon	03/10/2012	21.58	03/10/2012	23.42	Due to tripping of GIS bus sectionalizer.
Voltage Level : 132KV			Outage Type TRIPPED		
Nasik GCR - Ranwad	03/10/2012	04:24	03/10/2012	11.20	Distance Protection.,Load affected 44 MW.
Parbhani - Pathri	03/10/2012	20.40	03/10/2012	20.46	Distance protection.
Voltage Level : 100KV			Outage Type TRIPPED		
Kandalgaon-Roha-I	03/10/2012	20.08	03/10/2012	23.46	Due to tripping of GIS bus sectionalizer.
K'gaon-Roha-II	03/10/2012	20.08	03/10/2012	23.47	Due to tripping of GIS bus sectionalizer.
Kandalgaon - Mhasale	03/10/2012	20.08	03/10/2012	23.45	Due to tripping of GIS bus sectionalizer.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 04/Oct/2012

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 5	200	0
Unit 6	210	60
Unit 7	210	55
	620	115
Bhusawal		
Unit 2	210	0
Unit 3	210	150
Unit 4	500	
Unit 5	500	
	1420	150
Parli		
Unit 3	210	132
Unit 4	210	150
Unit 5	210	0
Unit 6	250	180
Unit 7	250	160
	1130	622
Chandrapur		
Unit 1	210	80
Unit 2	210	70
Unit 3	210	60
Unit 4	210	70
Unit 5	500	250
Unit 6	500	250
Unit 7	500	250
	2340	1030
Paras		
Unit 3	250	170
Unit 4	250	160
	500	330
Khaparkheda		
Unit 1	210	150
Unit 2	210	150
Unit 3	210	160
Unit 4	210	160
Unit 5	500	300
	1340	920
Nasik		
Unit 3	210	190
Unit 4	210	180
Unit 5	210	180
	630	550
Uran		
All Units	852	280
	852	280
PENCH (MS)		
Pench (MS)	53	
	53	
Koyna		
Stage 1-2	600	600
Stage 4	1000	250
Stage 3	320	320
	1920	1170
Hydro		
KDPH	40	0
VTRNA	60	0

Generating unit	Derated Capacity (MW)	OLC (MW)
TILLARI	60	60
BHTGR/VEER	21	7
BHIRA T.R.	80	80
RNGR+BHTSA	20	0
BHANDARDRA	45	22
ELDARY	23	0
SMLHY PTN	12	8
GHATGHAR	250	0
	611	177
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	825
WARDHA	405	435
Adani	660	
Other CPPs	0	
	1665	1260
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	318
	2024	1748
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3455	4957
	3455	4957