



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

State Load Dispatch Center, Airoli

Daily system Report

for

21/Nov/2012

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 21/Nov/2012 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	113.381	2294.985	1) Gujrat	14.615	258.283
2) Hydro	11.398	190.786	2) Madhya Pradesh	16.922	374.872
3) Gas	5.461	171.448	3) Chattisgarh	12.130	255.810
Total MSGENCO	130.240	2657.219	4) Maharashtra	70.910	1489.402
B) 1) JSW JAIGAD	26.335	557.195	5) Goa	-5.473	-125.387
2) WPCL	8.821	147.936	6) TAPS 1&2 Injection	3.632	79.002
3) ADANI	0.000	81.500	7) RGPPL Injection	9.967	219.898
4) Other CPP / IPP	10.291	171.513	8) Pench (Excess)	-0.491	-11.728
5) Wind Generation	2.505	79.504	# Total Cent. Sector	122.212	2540.152
6) PENCH (MS)	0.491	12.387	F) Other Exchanges		
C) TPCL & REL			1) With TPCL (Excess)	-10.511	-202.876
1) TPCL Thermal	24.279	548.868	G) Bilateral Power *		
2) TPCL Hydro	3.693	68.999	1) MSEDCL Bilateral	36.872	921.108
TOTAL TPCL	27.972	617.867	Include PX	-0.350	56.270
3) REL Thermal	11.651	257.983	2) MUMBAI Bilateral	9.827	244.510
D) STATE			Include PX	-1.687	25.216
1) Thermal (A1+C1+C3)	149.311	3101.836	3) MUMBAI Schedule	9.827	244.723
2) Hydro (A2+B5+C2)	15.582	272.172	H) ENERGY CATERED (MUs)		
3) Gas (A3)	5.461	171.448	1) MSEDCL	290.384	6044.530
4) Wind (B4)	2.505	79.504	2) TPCL	34.087	726.851
5) CPP (B1+B2+B3)	45.447	876.644	3) REL	16.048	351.914
TOTAL STATE	218.306	4501.604	TOTAL STATE	340.519	7123.295

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	4692	4969	4330
MSGENCO Hydro	1208	346	105
MSGENCO Gas	237	202	211
MSGENCO Total Generation	6137	5517	4646
Central Sector Receipt	5757	5925	4051
WIND	88	51	221
CPP / IPP	2040	2000	1809
Exchange with Mumbai	-538	-507	-192
MSEDCL DEMAND MET	13509	12986	10535
Load Shedding	769	466	30
MSEDCL DEMAND	14278	13452	10565
TPCL GENERATION	1499	1487	838
R-INFRA GENERATION	528	527	388
TPCL+R-INFRA DEMAND	2565	2521	1418
STATE DEMAND MET	16074	15507	11953
STATE DEMAND	16843	15973	11983
Frequency (Hz)	49.91	49.95	50.14

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.42 Hz at 18.01 Hrs	49.48 Hz at 10.18 Hrs	50	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 21/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	3.29	68.74	150	115	140
Unit 7	2.25	60.15	150	0	0
Total	5.54	128.88			140
Bhusawal					
Unit 2	0.00	0.00	0	0	0
Unit 3	4.24	83.50	190	160	180
Unit 4	10.19	88.71	485	340	
Unit 5	0.00	6.27	0	0	
Total	14.42	178.49			180
Parli					
Unit 3	2.96	27.69	137	106	110
Unit 4	0.00	61.68	0	0	0
Unit 5	0.00	32.44	0	0	0
Unit 6	0.00	24.39	0	0	0
Unit 7	3.84	90.64	228	0	0
Total	6.80	236.83			110
Chandrapur					
Unit 1	3.51	70.00	157	125	160
Unit 2	3.43	51.84	161	107	150
Unit 3	4.75	81.56	203	190	200
Unit 4	4.67	95.44	200	175	200
Unit 5	9.98	195.48	435	375	420
Unit 6	10.43	167.76	455	400	410
Unit 7	8.33	184.97	392	290	360
Total	45.09	847.05			1900
Paras					
Unit 3	4.99	94.86	232	181	210
Unit 4	5.49	95.52	255	205	220
Total	10.48	190.38			430
Khaparkheda					
Unit 1	0.00	58.56	0	0	0
Unit 2	3.32	77.74	180	0	170
Unit 3	4.04	84.74	191	159	180
Unit 4	4.62	84.94	204	182	180
Unit 5	8.47	153.20	395	261	350
Total	20.45	459.20			880
Nasik					
Unit 3	2.08	85.72	185	0	0
Unit 4	4.29	86.89	189	167	190
Unit 5	4.22	81.56	194	149	190
Total	10.59	254.16			380
Uran					
All Units	5.46	171.45	271	196	300
Total	5.46	171.45			300
PENCH (MS)					
Pench (MS)	0.49	12.39	50	0	
Total	0.49	12.39			
Koyna					
Stage 1-2	3.25	63.52	425	40	600
Stage 4	3.11	48.54	647	0	250
Stage 3	1.68	24.21	228	0	320
Kovna 12&4 Total	6.36	112.06			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Total	8.04	136.27			1170
Hydro					
KDPH	0.46	5.91	20	19	18
VTRNA	0.00	0.00	0	0	0
TILLARI	0.36	6.05	60	0	60
BHTGR/VEER	0.06	1.80	3	2	3
BHIRA T.R.	0.16	3.90	70	0	40
RNGR+BHTSA	0.40	7.76	17	16	17
BHANDARDRA	0.00	0.00	0	0	0
ELDARY	0.00	0.00	0	0	0
SMLHY PTN	0.74	10.84	38	28	8
GHATGHAR	1.17	18.26	250	0	
Total	3.36	54.52			146
Wind					
MalharPeth	0.12	4.61			
Vankuswadi	0.22	8.12			
ATIT	0.02	2.36			
Kale	0.06	2.37			
Satara	0.04	13.23			
Shirala	0.04	3.13			
K Mahankal	0.65	6.49			
Supa	0.04	1.96			
Vita	0.47	12.18			
Dondaicha	0.43	12.45			
Sakri	0.06	1.48			
Nandurbar	0.03	0.88			
Khandke	0.22	6.35			
Khaparale	0.12	3.89			
Total	2.50	79.50			
CPP					
JSW JAIGAD	26.34	557.20	1212	950	1100
WARDHA	8.82	147.94	373	363	366
Adani	0.00	81.50	0	0	
Other CPPs	10.29	171.51			
Total	45.45	958.14			1466
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	9.60	218.12	505	286	500
Trombay 6	4.43	114.23	246	155	500
Trombay 7A	3.00	62.33	129	120	120
Trombay 7B	1.66	34.50	70	68	60
Trombay 8	5.59	119.68	253	194	250
TATA Hydro	3.69	69.00	306	0	306
Total	27.97	617.87			1736
REL					
1&2	11.65	257.98	529	386	500
Total	11.65	257.98			500
Cent Sect					
Share					5189
Total					5189

MS PG CL	Thermal	113.38	2294.98			4020
	Thml+Gas	118.84	2466.43			4320
	Hydro	11.40	190.79			1316
	Total	130.24	2657.22			5636
State Total		218.31	4501.60			14527

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 21/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	4409	105	211	4725	211	1718	4565	4505	-303	-382	10777	11	10788	1628	12416	50.07
2	4303	105	211	4619	194	1724	3936	4352	-256	-279	10610	30	10640	1503	12143	50.17
3	4330	105	211	4646	221	1809	3845	4051	-212	-192	10535	30	10565	1418	11983	50.14
4	4403	110	215	4728	189	1817	3831	4119	-198	-161	10692	27	10719	1386	12105	50.14
5	4350	170	217	4737	209	1822	3834	4155	-200	-149	10774	27	10801	1373	12174	49.97
6	4346	185	240	4771	186	1850	4629	4914	-206	-233	11494	73	11567	1460	13027	49.98
7	4461	300	246	5007	161	1874	4917	5072	-255	-248	11892	479	12371	1561	13932	49.96
8	4555	342	246	5143	152	1892	4934	5193	-268	-201	12206	777	12983	1729	14712	49.94
9	4574	639	240	5453	149	2028	5200	5285	-333	-279	12663	809	13472	1969	15441	49.87
10	4618	1065	271	5954	118	2035	5356	5606	-450	-373	13366	639	14005	2284	16289	49.98
11	4729	1159	247	6135	129	2040	5777	5690	-524	-484	13537	585	14122	2505	16627	49.85
12	4692	1208	237	6137	88	2040	5608	5757	-555	-538	13509	769	14278	2565	16843	49.91
13	4676	952	201	5829	55	2044	5734	5808	-608	-548	13211	903	14114	2563	16677	49.95
14	4854	631	205	5690	24	2034	5578	5792	-588	-549	13015	799	13814	2533	16347	49.98
15	4909	581	196	5686	40	2032	5601	6061	-573	-525	13301	646	13947	2524	16471	49.96
16	4974	606	204	5784	39	2019	5595	5863	-585	-520	13185	566	13751	2534	16285	49.94
17	4969	346	202	5517	51	2000	5426	5925	-541	-507	12986	466	13452	2521	15973	49.95
18	4967	1157	207	6331	72	1821	4467	4878	-364	-473	12659	419	13078	2478	15556	50.00
19	5081	785	204	6070	34	1811	5098	5334	-504	-593	12706	384	13090	2562	15652	49.99
20	5133	311	235	5679	26	1811	5212	5336	-501	-768	12134	590	12724	2548	15272	50.00
21	5115	188	252	5555	24	1819	4854	4817	-464	-635	11630	548	12178	2367	14545	50.00
22	5129	127	250	5506	48	1818	4749	4444	-464	-598	11268	408	11676	2201	13877	50.05
23	4913	113	257	5283	44	1818	4431	4621	-447	-635	11148	164	11312	2041	13353	50.06
24	4891	108	256	5255	41	1771	4465	4632	-428	-641	11084	124	11208	1881	13089	50.10
MUs	113.38	11.40	5.46	130.24	2.50	45.45	117.64	122.21	-9.83	-10.51	290.38	10.27	300.66	50.13	350.79	50.00

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 21/Nov/2012

Position as on 6.30 Hrs of 22/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	
Uran Unit 7	108	26/10/2012	13.26	21/11/2012	09.10	Gas Shortage	
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		Continued.	Vibration Problem.	
Khaparkheda Unit 1	210	16/11/2012	19.52		Continued.	BLR T/L.	22/11/2012
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.	
Nasik Unit 3	210	20/11/2012	21.55	21/11/2012	05.00	UAT Work.	
Koradi Unit 7	210	20/11/2012	22.33	21/11/2012	02.08	IP Turbine Problem.	
Parli Unit 7	250	21/11/2012	04.05	21/11/2012	07.05	Furnace Pressure High.	
Koradi Unit 7	210	21/11/2012	04.52	21/11/2012	06.38	Drum Level Low.	
Nasik Unit 3	210	21/11/2012	06.07	21/11/2012	11.35	G.T.Breaker B Ph. Coal Burst.	
Khaparkheda Unit 2	210	21/11/2012	10.37	21/11/2012	13.49	Flame Failure.	
Uran Unit 7	108	21/11/2012	11.32		Continued.	Gas Shortage.	

State Load Dispatch Center,Airoli (MSETCL)
Details of Generating Unit Outages/Trippings for 21/Nov/2012

Position as on 6.30 Hrs of 22/Nov/2012

Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
Dabhol 3B	230	21/11/2012	11.41		Continued.	Gas Shortage.	

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 21/Nov/2012

Position as on 6.30 Hrs of 22/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		Continued.	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
Wardha - Akola - II	20/11/2012	22.00	21/11/2012	07.06	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
400/220 KV 315 MVA ICT-I @ Nagothane	21/11/2012	09.07	21/11/2012	18.44	Rout bay maint.work.
Koradi-Khaparkheda II	21/11/2012	09.40	21/11/2012	18.43	Repl of disc insulator.(Taken on TBC)
Koradi-Khaparkheda-I	21/11/2012	09.42	21/11/2012	20.22	Repl.of disc insulator.
Bus Coupler @ Padgha	21/11/2012	12.35	21/11/2012	17.10	Testing work.
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.
Vita - Lamboti	21/11/2012	11.41	21/11/2012	16.02	A.R.Trial work.
Kalwa - Airoli - Knowledge Park.	21/11/2012	12.35	21/11/2012	17.10	Hot Spot.(Taken on TBC)
Lamboti - Pandharpur	21/11/2012	16.47	21/11/2012	17.53	Hot Spot.

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 21/Nov/2012

Position as on 6.30 Hrs of 22/Nov/2012

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
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 - I	19/11/2012	17.01	21/11/2012	09.20	Over Voltage
Bhusawal- Aurangabad	20/11/2012	17.33	21/11/2012	10.31	Over Voltage.
Lonikand- Koyna Stage IV	20/11/2012	23.54	21/11/2012	07.55	Over Voltage.
Karad - Kolhapur - II	21/11/2012	01.05	21/11/2012	09.32	Over Voltage.
Karad-Kolhapur-II	21/11/2012	16.28		Continued.	Over Voltage.
Bhusawal- Aurangabad	21/11/2012	17.05		Continued.	Over Voltage.
Lonikand- Koyna Stage IV	21/11/2012	22.22		Continued.	Over Voltage.
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 : 220KV			Outage Type TRIPPED		
Bus Section - I @ Nasik GCR	21/11/2012	06.07	21/11/2012	07.01	220KV Bus Zone-A Bus Bar Operated due to Non closing of B-Ph breaker pole of Gen U-3.
220/132 KV, 200 MVA ICT - 6 at Nasik	21/11/2012	06.07	21/11/2012	07.07	Bus Bar Operated.
220/132 KV 200 MVA ICT - I @ Nasik OCR	21/11/2012	06.07	21/11/2012	07.05	Bus Bar Operated.
220/132 KV 150 MVA ICT-II @ Nasik	21/11/2012	06.07	21/11/2012	07.06	Bus Bar Operated.
Nasik-Bablsr - I	21/11/2012	06.07	21/11/2012	07.03	Bus Bar Operated.
Nasik - Airoli - Knowledge Park	21/11/2012	06.07	21/11/2012	07.16	Bus Bar Operated.
Bus Section - II @ Nasik	21/11/2012	06.07	21/11/2012	07.02	Bus Bar Operated.
Stn.T/F.3 at Nasik	21/11/2012	06.07	21/11/2012	07.15	Bus Bar Operated.
Trombay - Salsett - I	21/11/2012	15.16	21/11/2012	15.44	Distance Protection.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 22/Nov/2012

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 5	200	0
Unit 6	210	120
Unit 7	210	155
	620	275
Bhusawal		
Unit 2	210	0
Unit 3	210	173
Unit 4	500	0
Unit 5	500	0
	1420	173
Parli		
Unit 3	210	138
Unit 4	210	37
Unit 5	210	0
Unit 6	250	0
Unit 7	250	160
	1130	335
Chandrapur		
Unit 1	210	160
Unit 2	210	150
Unit 3	210	200
Unit 4	210	200
Unit 5	500	415
Unit 6	500	440
Unit 7	500	350
	2340	1915
Paras		
Unit 3	250	250
Unit 4	250	250
	500	500
Khaparkheda		
Unit 1	210	0
Unit 2	210	155
Unit 3	210	180
Unit 4	210	190
Unit 5	500	300
	1340	825
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	445
Stage 4	1000	250
Stage 3	320	320
	1920	1015
Hydro		
KDPH	40	18
VTRNA	60	0

Generating unit	Derated Capacity (MW)	OLC (MW)
TILLARI	60	60
BHTGR/VEER	21	3
BHIRA T.R.	80	80
RNGR+BHTSA	20	15
BHANDARDRA	45	0
ELDARY	23	0
SMLHY PTN	12	10
GHATGHAR	250	0
	611	186
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	367
Adani	660	
Other CPPs	0	
	1665	1467
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	306
	2024	1736
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3455	5087
	3455	5087