



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

State Load Dispatch Center, Airoli

Daily system Report

for

12/Dec/2014

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 12/Dec/2014 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	111.897	1437.647	1) Gujrat	2.657	29.199
2) Hydro	11.179	136.255	2) Madhya Pradesh	16.992	148.830
3) Gas	9.399	94.607	3) Chattisgarh	7.490	76.940
Total MSGENCO	132.475	1668.509	4) Maharashtra Net	102.827	1138.353
B) 1) JSW JAIGAD	24.865	274.536	(Incl. 765kV Solapur-Raichur)	-8.336	-57.251
2) WPCL	2.600	31.755	5) Goa	-6.251	-74.204
3) ADANI	40.000	602.710	6) TAPS 1&2 Injection	3.812	45.010
4) Other CPP / IPP	22.640	278.808	7) RGPPL Injection	0.000	0.000
5) Wind Generation	7.142	74.131	8) Pench (Excess)	0.000	-1.145
6) PENCH (MS)	0.000	1.145			
7) SOLAR	0.473	11.376	# Total Cent. Sector	127.527	1362.983
C) 1) TPCL Thermal	16.536	221.578	F) Other Exchanges		
2) TPCL Hydro	5.672	47.517	1) With TPCL (Excess)	-29.180	-266.892
TOTAL TPCL	22.208	269.095	G) Bilateral Power *		
3) REL Thermal	5.917	112.934	1) MSEDCL Bilateral	38.749	332.732
D) STATE			Include PX	7.856	23.729
1) Thermal (A1+C1+C3)	134.350	1772.159	2) MUMBAI Bilateral	26.003	243.641
2) Hydro (A2+B6+C2)	16.851	184.917	Include PX	6.109	26.491
3) Gas (A3)	9.399	94.607	3) MUMBAI Schedule	26.187	248.590
4) Wind (B5)	7.142	74.131	H) ENERGY CATERED (MUs)		
5) CPP/IPP (B1+B2+B3+B4)	90.105	1187.809	1) MSEDCL	328.542	4039.061
6) SOLAR (B7)	0.473	11.376	2) TPCL	34.969	393.750
TOTAL STATE	258.320	3324.999	3) REL	22.336	254.442
			TOTAL STATE	385.847	4687.253

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 12 Hrs	B. Evening Peak at 14 Hrs	C. Night Minimum at 3 Hrs
MSGENCO Thermal	4868	5118	4410
MSGENCO Hydro	966	474	243
MSGENCO Gas	448	452	315
MSGENCO Total Generation	6282	6044	4968
Central Sector Receipt	6292	5782	4998
WIND	98	166	196
CPP / IPP	4181	4187	3716
SOLAR	90	84	0
Exchange with Mumbai	-1535	-1385	-929
MSEDCL DEMAND MET	15408	14878	12949
Load Shedding	64	69	54
MSEDCL DEMAND	15472	14947	13003
TPCL GENERATION	1194	1181	517
R-INFRA GENERATION	261	262	195
TPCL+R-INFRA DEMAND	2990	2828	1641
STATE DEMAND MET	18398	17706	14590
STATE DEMAND	18462	17775	14644
Frequency (Hz)	49.93	50.07	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.39 Hz at 21:58 Hrs	49.67 Hz at 08:46 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 12/Dec/2014

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	3.58	40.84	165	128	165
Unit 7	3.63	46.84	165	130	165
Total	7.21	87.69			330
Bhusawal					
Unit 2	0.00	0.00	0	0	0
Unit 3	3.70	27.93	170	145	155
Unit 4	10.16	106.50	525	325	340
Unit 5	8.24	104.32	435	310	350
Total	22.10	238.75			845
Parli					
Unit 3	0.00	0.00	0	0	0
Unit 4	0.00	0.00	0	0	0
Unit 5	3.62	42.33	155	147	162
Unit 6	5.43	60.59	250	210	210
Unit 7	5.44	60.46	250	207	210
Total	14.49	163.38			582
Chandrapur					
Unit 1	0.00	0.00	0	0	0
Unit 2	3.19	39.47	143	111	140
Unit 3	0.00	0.00	0	0	0
Unit 4	4.20	51.83	197	163	200
Unit 5	9.29	106.31	450	357	400
Unit 6	8.59	102.14	390	320	400
Unit 7	9.12	105.57	423	310	400
Total	34.39	405.33			1540
Paras					
Unit 3	4.74	59.66	224	176	200
Unit 4	4.29	58.01	197	158	200
Total	9.03	117.67			400
Khaparkheda					
Unit 1	3.82	46.76	175	135	180
Unit 2	3.83	45.38	180	140	180
Unit 3	4.20	50.48	192	143	200
Unit 4	4.22	50.96	204	138	190
Unit 5	0.00	99.94	0	0	0
Total	16.06	293.51			750
Nasik					
Unit 3	4.34	51.96	205	160	190
Unit 4	0.00	28.55	0	0	0
Unit 5	4.28	50.81	192	165	190
Total	8.63	131.33			380
Uran					
All Units	9.40	94.61	458	313	330
Total	9.40	94.61			330
PENCH (MS)					
Pench (MS)	0.00	1.14	0	0	0
Total	0.00	1.14			0
Koyna					
Stage 1-2	1.80	35.79	410	40	600
Stage 4	1.31	27.15	280	0	250
Stage 3	0.55	13.32	150	0	240
Kovna 12&4 Total	3.10	62.94			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Total	3.66	76.26			1090
Hydro					
KDPH	0.89	6.16	38	37	36
VTRNA	1.04	12.44	61	0	61
TILLARI	0.29	4.12	60	0	63
BHTGR/VEER	0.00	0.51	0	0	0
BHIRA T.R.	0.33	2.52	81	0	80
RNGR+BHTSA	0.39	2.72	17	16	15
BHANDARDRA	0.33	3.49	14	13	15
ELDARY	0.33	2.23	14	13	0
SMLHY PTN	2.04	13.40	92	82	25
GHATGHAR	1.89	12.42	240	0	0
Total	7.52	60.00			295
Wind					
MalharPeth	0.09	2.16			
Vankuswadi	0.12	4.46			
ATIT	0.01	0.48			
Kale	0.06	1.47			
Satara	2.80	32.24			
Shirala	0.09	2.27			
K Mahankal	0.01	7.13			
Supa	0.18	0.90			
Vita	0.83	7.16			
Dondaicha	1.56	7.50			
Sakri	0.08	0.65			
Nandurbar	0.44	2.85			
Khandke	0.88	3.04			
Khaparale	0.01	1.82			
Total	7.14	74.13			
CPP					
JSW JAIGAD	24.86	274.54	1280	830	1030
WARDHA	2.60	31.76	115	97	115
Adani	40.00	602.71	1830	1280	1851
Other CPPs	22.64	278.81			627
Total	90.10	1187.81			3623
SOLAR					
Total	0.47	11.38			
Total	0.47	11.38			
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	10.74	122.06	494	315	500
Trombay 6	0.00	0.00	0	0	0
Trombay 7A	0.00	24.33	0	0	0
Trombay 7B	0.00	15.56	0	0	0
Trombay 8	5.80	59.62	253	200	250
TATA Hydro	5.67	47.52	459	0	447
Total	22.21	269.10			1197
REL					
1&2	5.92	112.93	263	195	250
Total	5.92	112.93			250
Cent Sect					
Share					6829
Total					6829
MS PG CL	Thermal	111.90	1437.65		4827
	Thml+Gas	121.30	1532.25		5157
	Hydro	11.18	136.26		1385
	Total	132.48	1668.51		6542
State Total		258.32	3325.00		18441

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 12/Dec/2014

TIME SR. NO.	MSPGCL GEN.			TOTAL	WIND	CPP / IPP	SOLAR	CS SHARE	CS RECPT	Mum.S CH.	Mum. NET EXCH.	MSEDCL DEM. MET	LOAD SHEDDI NG	MSEDCL DEM. WITH LS	TPCL + R -INFRA DEMAND	STATE DEMAND	FREQ. (Hz)
	THM	HY	GAS														
1	4349	225	315	4889	204	3766	0	5057	5299	-923	-1161	12997	84	13081	1875	14956	49.99
2	4342	204	315	4861	184	3766	0	5114	5095	-804	-1008	12898	54	12952	1722	14674	50.00
3	4410	243	315	4968	196	3716	0	4776	4998	-737	-929	12949	54	13003	1641	14644	49.99
4	4398	209	315	4922	201	3736	0	4671	5098	-700	-882	13075	54	13129	1593	14722	50.00
5	4470	209	315	4994	196	3758	0	4994	5042	-708	-801	13189	54	13243	1586	14829	49.96
6	4573	209	315	5097	213	3769	0	5147	5429	-772	-666	13842	64	13906	1717	15623	49.94
7	4620	323	313	5256	201	3803	0	5583	5911	-841	-794	14377	76	14453	1880	16333	49.81
8	4623	1188	333	6144	130	3890	7	5687	5984	-879	-884	15271	76	15347	2031	17378	49.86
9	4691	1044	355	6090	108	4195	25	6094	5994	-995	-1067	15345	74	15419	2326	17745	49.84
10	4698	1031	407	6136	94	4185	55	6292	6091	-1153	-1215	15346	65	15411	2642	18053	49.81
11	4752	1014	450	6216	105	4186	61	6501	6366	-1340	-1484	15450	62	15512	2906	18418	49.87
12	4868	966	448	6282	98	4181	90	6548	6292	-1414	-1535	15408	64	15472	2990	18462	49.93
13	5141	530	449	6120	137	4178	97	6227	6257	-1383	-1494	15295	123	15418	2954	18372	49.98
14	5118	474	452	6044	166	4187	84	6203	5782	-1298	-1385	14878	69	14947	2828	17775	50.07
15	5073	389	449	5911	204	4188	25	6139	5576	-1297	-1413	14491	64	14555	2837	17392	49.99
16	4811	268	452	5531	346	3978	17	6426	5882	-1262	-1421	14333	63	14396	2853	17249	50.00
17	4656	290	453	5399	503	3712	10	6101	5399	-1233	-1415	13608	65	13673	2849	16522	49.96
18	4642	268	458	5368	539	3393	2	5366	4917	-1227	-1381	12838	68	12906	2821	15727	49.91
19	4598	344	452	5394	705	3332	0	5241	5203	-1297	-1421	13213	67	13280	2865	16145	49.99
20	4659	521	426	5606	335	3244	0	5229	5008	-1236	-1382	12811	69	12880	2787	15667	50.02
21	4677	353	420	5450	464	3284	0	5138	4579	-1149	-1461	12316	66	12382	2656	15038	50.07
22	4629	279	418	5326	616	3194	0	4950	4241	-1214	-1465	11912	64	11976	2455	14431	50.17
23	4579	264	390	5233	757	3233	0	4056	3674	-1234	-1310	11587	64	11651	2285	13936	50.04
24	4520	334	384	5238	440	3231	0	3807	3410	-1089	-1206	11113	64	11177	2206	13383	50.08
MUs	111.90	11.18	9.40	132.48	7.14	90.10	0.47	131.35	127.53	-26.19	-29.18	328.54	1.63	330.17	57.30	387.47	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 12/Dec/2014

Position as on 6.30 Hrs of 13/Dec/2014

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	
Koyna Unit 11	80	23/09/2014	02.30		Continued.	Stator Earth Fault	
Cent_Sect Tarapur 1	160	12/10/2014	22.39		Continued.	Refuelling work.(60Days)	
FORCED OUTAGE							
Dabhol 1B	230	28/05/2013	22.02		Continued.	Gas shortage.	
Dabhol 3A	230	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	
Dabhol 2B	230	08/08/2013	15.03		Continued.	Gas Shortage	
Dabhol 3X	290	29/12/2013	05.47		Continued.	Gas Shortage	
Dabhol 3B	230	29/12/2013	06.14		Continued.	Gas Shortage	
CPP WPCL U-2	135	18/02/2014	00.02		Continued.	Ash Conveying problem	
CPP Dhariwal	300	28/05/2014	02.27		Continued.	PA Fan Vibration Problem. (U-1).	
Koradi Unit 5	200	17/06/2014	11.53		Continued.	economic shutdown	
Chandrapur Unit 1	210	28/08/2014	07.15		Continued.	economic shutdown	
Bhusawal Unit 2	210	13/09/2014	12.43		Continued.	Economic shutdown	
Parli Unit 4	210	13/10/2014	10.49		Continued.	Coal Shortage.	
CPP WPCL U-1	135	30/10/2014	00.43		Continued.	ESP Bag Filter Damaged	
CPP IPL U-2	270	30/10/2014	16.16		Continued.	Gen.Diff.Protection operated	
CPP WPCL U-4	135	01/11/2014	00.19		Continued.	Withdrawn	
Chandrapur Unit 3	210	12/11/2014	20.58		Continued.	Coal Shortage.	
Tata Trombay 6	500	21/11/2014	21.11		Continued.	Economic Shut Down	
Uran Unit 8	108	26/11/2014	00.02		Continued.	Gas Shortage	
CPP Adani U-5	660	26/11/2014	20.12	12/12/2014	21.48	MS drain line leakage.	
Nasik Unit 4	210	07/12/2014	22.00	13/12/2014	18.28	ID fan problem	
REL 2	250	08/12/2014	05.21		Continued.	over speed protection	
CPP Adani U1	660	08/12/2014	14.45		Continued.	Uproting of turbine steam chest drain line	
Uran Unit 5	108	09/12/2014	01.50	12/12/2014	07.47	Gas shortage	
Tata Trombay 7B	60	11/12/2014	20.39		Continued.	Mandatory Gas Path Inspection.	
Tata Trombay 7A	120	11/12/2014	21.51		Continued.	Mandatory Gas Path Inspection.	

State Load Dispatch Center,Airoli (MSETCL)
Details of Generating Unit Outages/Trippings for 12/Dec/2014

Position as on 6.30 Hrs of 13/Dec/2014

Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
Uran Unit 5	108	13/12/2014	05.57	13/12/2014	23.12	Gas Shortage	
Koyna Unit 4	75	13/12/2014	07.20	13/12/2014	17.45	P.M.Work	
Uran Unit 7	108	13/12/2014	14.27	13/12/2014	16.24	Gas Shortage	
Uran Unit B0	120	13/12/2014	14.27	13/12/2014	18.01	Gas Shortage	

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 12/Dec/2014

Position as on 6.30 Hrs of 13/Dec/2014

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
InterState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
Akola - Wardha - II	12/12/2014	09.37	12/12/2014	18.32	Q.M.Work
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
Tarapur - Borivali	21/11/2014	14.51		Continued.	Mumbai Strengthening work.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Dhule-Sar'Sarovar - I	11/12/2014	19.47	12/12/2014	05.56	Over Voltage.
Kolhapur - Mapusa - I	11/12/2014	20.08	12/12/2014	06.42	Over Voltage.
Kolhapur - Mapusa - II	12/12/2014	16.43		Continued.	Over Voltage
Dhule-Sar'Sarovar - II	12/12/2014	17.41	13/12/2014	09.51	Over Voltage
Dhule-Sar'Sarovar - I	13/12/2014	20.20		Continued.	Over Voltage
Voltage Level : 400KV			Outage Type TRIPPED		
Dabhol-Nagothane-II	13/12/2014	00.00		Continued.	Over Voltage
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
400/220 KV 315 MVA ICT-II @ Nagothane.	12/11/2014	13.02		Continued.	Shifted to TBC for BKR overloading.
400/220 KV 500 MVA ICT - I @ Warora	23/11/2014	08.10		Continued.	Leakage in Nitrogen Cylinder of B Ph CTR System.
400/220KV 315 MVA ICT-II @ Padgha	12/12/2014	08.19	13/12/2014	19.06	Repl.of T/F Cooling system
400/220/33 KV 315 MVA ICT - I @ Akola	12/12/2014	10.30	12/12/2014	18.55	Oil Leakage
400 KV Main Bus-I @ Akola	13/12/2014	07.45	13/12/2014	19.28	Annual Maint.work
400/220KV 315MVA ICT-II @ BBLSR	13/12/2014	10.42	13/12/2014	19.07	Hot Spot
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
Borivali-Ghodbandar	25/11/2014	10.43		Continued.	Erection & Stringing Work.
Ghodbandar - Bhoisor (MSETCL)	25/11/2014	11.36		Continued.	Erection & Stringing Work.
220/100 KV 200 MVA ICT - II @ Taloja	12/12/2014	08.21	12/12/2014	17.28	Repl.of B Phase HV CT
Apta - Taloja	12/12/2014	12.36	12/12/2014	13.26	Hot Spot
220/132 KV 200 MVA ICT-II @ Nagar.	13/12/2014	09.10	13/12/2014	15.16	Q.M.Work
Khaparkheda-Kawlewada-I	13/12/2014	09.12	13/12/2014	16.08	Repl.of E/W
220/132KV 200MVA ICT I at Kanhan	13/12/2014	09.25	13/12/2014	12.50	DC leakage in DSR PH.
Nasik - Airoli - Knowledge Park	13/12/2014	09.56	13/12/2014	20.27	CB Mechanism overhauling and Maint.
Pedambe-Newkoyna	13/12/2014	11.12	13/12/2014	14.40	Red Hot
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Karad - Kolhapur - I	11/12/2014	16.35	12/12/2014	09.15	Over Voltage.
Karad-Jaigad I	11/12/2014	20.29	12/12/2014	11.15	Over Voltage.
Lonikand- Koyna Stage IV	11/12/2014	21.24	12/12/2014	06.37	Over Voltage.
Karad - Kolhapur - II	12/12/2014	16.26	13/12/2014	09.14	Over Voltage
Karad-Jaigad I	12/12/2014	19.22	13/12/2014	09.25	Over Voltage
Lonikand- Koyna Stage IV	12/12/2014	20.57	13/12/2014	06.53	Over Voltage

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 12/Dec/2014

Position as on 6.30 Hrs of 13/Dec/2014

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
Karad - Kolhapur - I	13/12/2014	16.51		Continued.	Over Voltage
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Khaperkheda - Koradi	13/12/2014	05.47	13/12/2014	14.08	Distance Protection
Voltage Level : 400KV			Outage Type TRIPPED		
400/220 KV 315 MVA ICT-I @ Nagothane	12/12/2014	23.50	13/12/2014	03.21	Tripped on NDR
New Koyna - Dabhol - I	13/12/2014	03.02		Continued.	Over Voltage
Voltage Level : 220KV			Outage Type TRIPPED		
220/110KV 200MVA ICT-III at Borivali	21/09/2014	09.16		Continued.	monkey fault
Kandalgaon - Dasturi	11/12/2014	17.30	12/12/2014	12.50	Dist Prot.
220/100KV,200 MVA ICT-II at Trombay.	13/12/2014	02.07	13/12/2014	10.19	Tripped on Diferential
Padegaon - Sawangi	13/12/2014	02.15	13/12/2014	02.48	Distance Protection
Aarey-Versova	13/12/2014	02.17	13/12/2014	05.45	Distance Protection
Voltage Level : 132KV			Outage Type TRIPPED		
Dondaicha - Nandurbar	12/12/2014	16.10	12/12/2014	16.20	Distance Protection
Parbhani-Parthur	13/12/2014	18.28	13/12/2014	18.34	Distance Protection

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 13/Dec/2014

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 5	200	0
Unit 6	210	160
Unit 7	210	160
	620	320
Bhusawal		
Unit 2	210	0
Unit 3	210	150
Unit 4	500	350
Unit 5	500	325
	1420	825
Parli		
Unit 3	210	0
Unit 4	210	0
Unit 5	210	150
Unit 6	250	220
Unit 7	250	220
	1130	590
Chandrapur		
Unit 1	210	0
Unit 2	210	140
Unit 3	210	0
Unit 4	210	200
Unit 5	500	400
Unit 6	500	400
Unit 7	500	400
	2340	1540
Paras		
Unit 3	250	200
Unit 4	250	200
	500	400
Khaparkheda		
Unit 1	210	180
Unit 2	210	180
Unit 3	210	200
Unit 4	210	190
Unit 5	500	0
	1340	750
Nasik		
Unit 3	210	190
Unit 4	210	0
Unit 5	210	190
	630	380
Uran		
All Units	852	470
	852	470
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	36
VTRNA	60	61

Generating unit	Derated Capacity (MW)	OLC (MW)
TILLARI	60	60
BHTGR/VEER	21	0
BHIRA T.R.	80	80
RNGR+BHTSA	20	15
BHANDARDRA	45	15
ELDARY	23	0
SMLHY PTN	12	25
GHATGHAR	250	0
	611	292
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	1143
WARDHA	405	118
Adani	2640	2359
Other CPPs	300	665
	4545	4285
SOLAR		
Total	0	
	0	
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	250
	500	250
Cent Sect		
Share	3455	5893
	3455	5893

	21940	18282
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