



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

State Load Dispatch Center, Airoli

Daily system Report

for

26/Mar/2012

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 26/Mar/2012 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	113.780	3099.631	1) Gujrat	9.496	241.326
2) Hydro	17.062	223.041	2) Madhya Pradesh	26.958	562.357
3) Gas	8.996	299.041	3) Chattisgarh	14.940	325.600
Total MSGENCO	139.838	3621.713	4) Maharashtra	57.877	1352.756
B) OTHERS			5) Goa	-6.675	-165.857
1) JSW JAIGAD	26.124	626.262	6) TAPS 1&2 Injection	7.806	184.898
2) WPCL	8.279	204.248	7) RGPPL Injection	20.889	621.485
3) Other CPP / IPP	7.736	201.033	8) Pench (Excess)	-0.242	-7.533
4) Wind Generation	3.547	153.871	# Total Cent. Sector	131.049	3115.032
5) PENCH (MS)	0.242	9.948	F) Other Exchanges		
C) TPCL & REL			1) With TPCL (Excess)	-9.484	-185.047
1) TPCL Thermal	29.785	673.690	G) Bilateral Power *		
2) TPCL Hydro	5.188	78.534	1) MSEDCL Bilateral	39.370	1043.241
TOTAL TPCL	34.973	752.224	Include PX	0.000	29.950
3) REL Thermal	12.635	324.443	2) MUMBAI Bilateral	10.675	248.158
D) STATE			Include PX	-0.488	-29.079
1) Thermal (A1+C1+C3)	156.200	4097.764	3) MUMBAI Schedule	10.675	248.720
2) Hydro (A2+B5+C2)	22.492	311.523	H) ENERGY CATERED (MUs)		
3) Gas (A3)	8.996	299.041	1) MSEDCL	307.331	7747.060
4) Wind (B4)	3.547	153.871	2) TPCL	38.120	848.238
5) CPP (B1+B2+B3)	42.139	1031.543	3) REL	18.973	413.466
TOTAL STATE	233.374	5893.742	TOTAL STATE	364.424	9008.764

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	4718	4884	4601
MSGENCO Hydro	926	1299	187
MSGENCO Gas	239	339	594
MSGENCO Total Generation	5883	6522	5382
Central Sector Receipt	6078	4921	5305
WIND	88	105	305
CPP / IPP	1778	1783	1693
Exchange with Mumbai	-438	-412	-347
MSEDCL DEMAND MET	13389	12919	12338
Load Shedding	1758	1943	417
MSEDCL DEMAND	15147	14862	12755
TPCL GENERATION	1906	1907	890
R-INFRA GENERATION	526	526	527
TPCL+R-INFRA DEMAND	2870	2845	1764
STATE DEMAND MET	16259	15764	14102
STATE DEMAND	18017	17707	14519
Frequency (Hz)	49.90	49.94	49.86

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.38 Hz at 17.05 Hrs	49.11 Hz at 19.24 Hrs	49.83	.16 % 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 26/Mar/2012

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 5	0.00	54.02	0	0	0
Unit 6	3.15	83.98	150	110	120
Unit 7	1.94	74.94	180	0	0
Total	5.09	212.93			120
Bhusawal					
Unit 2	4.32	90.14	195	170	180
Unit 3	4.54	111.62	195	180	190
Unit 4	0.00	15.22	0	0	
Total	8.86	216.98			370
Parli					
Unit 3	0.00	66.41	0	0	0
Unit 4	2.91	105.65	145	72	110
Unit 5	2.60	96.33	126	74	80
Unit 6	3.84	113.06	187	120	165
Unit 7	2.65	78.56	195	43	130
Total	12.00	460.01			485
Chandrapur					
Unit 1	0.00	40.24	0	0	0
Unit 2	4.00	103.28	172	159	170
Unit 3	4.52	94.13	197	168	195
Unit 4	4.85	122.20	208	179	205
Unit 5	11.32	216.98	480	425	475
Unit 6	10.93	278.39	470	440	450
Unit 7	10.85	268.41	461	437	450
Total	46.47	1123.63			1945
Paras					
Unit 3	5.76	141.32	258	194	250
Unit 4	5.70	114.00	251	157	250
Total	11.46	255.32			500
Khaparkheda					
Unit 1	4.94	122.94	215	200	210
Unit 2	0.00	104.16	0	0	0
Unit 3	4.96	109.53	220	195	210
Unit 4	5.20	124.67	222	206	210
Unit 5	0.00	0.00	0	0	
Total	15.10	461.29			630
Nasik					
Unit 3	5.17	129.14	220	210	210
Unit 4	4.94	121.48	210	197	210
Unit 5	4.69	118.84	203	184	200
Total	14.80	369.47			620
Uran					
All Units	9.00	299.04	594	0	600
Total	9.00	299.04			600
PENCH (MS)					
Pench (MS)	0.24	9.95	48	0	
Total	0.24	9.95			
Koyna					
Stage 1-2	5.08	59.82	415	40	440
Stage 4	5.57	35.17	756	0	250
Stage 3	2.12	20.59	240	0	320
Total	12.77	115.58			1010
Kovna 12&4 Total	10.65	95.00			690

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Hydro					
KDPH	0.45	15.25	19	18	18
VTRNA	0.00	1.02	0	0	0
TILLARI	0.37	9.41	60	0	60
BHTGR/VEER	0.48	5.44	21	20	4
BHIRA T.R.	0.12	3.70	79	0	40
RNGR+BHTSA	0.31	8.46	13	12	13
BHANDARDRA	0.81	7.73	34	33	30
ELDARY	0.27	7.27	17	10	
SMLHY PTN	0.78	23.47	33	32	
GHATGHAR	0.70	25.70	250	0	
Total	4.29	107.46			165
Wind					
MalharPeth	0.16	6.85			
Vankuswadi	0.29	10.07			
ATIT	0.04	2.87			
Kale	0.12	4.41			
Satara	0.34	17.62			
Shirala	0.13	5.48			
K Mahankal	0.67	9.29			
Supa	0.17	3.44			
Vita	0.22	23.40			
Dondaicha	0.83	47.65			
Sakri	0.20	6.46			
Nandurbar	0.08	4.80			
Khandke	0.22	6.82			
Khaparale	0.09	4.70			
Total	3.55	153.87			
CPP					
JSW JAIGAD	26.12	626.26	1140	1059	1045
WARDHA	8.28	204.25	362	311	360
Other CPPs	7.74	201.03			
Total	42.14	1031.54			1405
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	10.74	271.33	507	286	500
Trombay 6	8.54	172.81	503	156	500
Trombay 7A	2.88	73.49	128	95	120
Trombay 7B	1.62	40.28	70	60	60
Trombay 8	6.00	115.78	252	248	250
TATA Hydro	5.19	78.53	459	0	447
Total	34.97	752.22			1877
REL					
1&2	12.64	324.44	529	525	500
Total	12.64	324.44			500
Cent Sect					
Share					4757
Total					4757

MS PG CL	Thermal	113.78	3099.63			4670
	Thml+Gas	122.78	3398.67			5270
	Hydro	17.06	223.04			1175
	Total	139.84	3621.71			6445
State Total		233.37	5893.74			14984

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 26/Mar/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	4642	820	594	6056	251	1690	4496	5240	-441	-537	12700	185	12885	2051	14936	49.74
2	4626	690	593	5909	262	1695	4467	5187	-406	-453	12600	352	12952	1876	14828	49.77
3	4601	187	594	5382	305	1693	4433	5305	-360	-347	12338	417	12755	1764	14519	49.86
4	4678	176	591	5445	283	1692	4414	5386	-329	-275	12531	429	12960	1692	14652	49.89
5	4591	174	590	5355	225	1693	4398	5506	-318	-245	12534	439	12973	1668	14641	49.81
6	4536	174	549	5259	193	1715	4364	5654	-304	-251	12570	629	13199	1750	14949	49.73
7	4565	244	400	5209	149	1769	4496	5685	-330	-307	12505	1509	14014	1852	15866	49.86
8	4606	391	0	4997	161	1779	4507	5444	-365	-344	12037	1643	13680	1961	15641	50.01
9	4643	592	92	5327	151	1780	4536	5662	-421	-339	12581	1693	14274	2220	16494	49.89
10	4644	624	303	5571	183	1780	4646	5725	-479	-442	12817	1916	14733	2592	17325	49.96
11	4689	695	262	5646	146	1784	4646	5765	-489	-414	12927	1957	14884	2812	17696	49.85
12	4718	926	239	5883	88	1778	4654	6078	-489	-438	13389	1758	15147	2870	18017	49.90
13	4718	1090	260	6068	43	1780	4669	5844	-489	-435	13300	1878	15178	2868	18046	49.84
14	4755	1089	281	6125	63	1776	4681	5709	-489	-403	13270	1640	14910	2815	17725	49.77
15	4797	1224	301	6322	55	1777	4670	5645	-489	-416	13383	1524	14907	2845	17752	49.77
16	4904	1541	315	6760	66	1777	4587	5373	-489	-437	13539	1786	15325	2868	18193	49.83
17	4884	1299	339	6522	105	1783	4619	4921	-489	-412	12919	1943	14862	2845	17707	49.94
18	4890	513	339	5742	113	1745	4697	4734	-479	-341	11993	1457	13450	2753	16203	50.02
19	4885	390	355	5630	147	1800	4811	4742	-478	-283	12041	1197	13238	2643	15881	49.92
20	4873	717	393	5983	112	1797	4983	5597	-496	-422	13115	918	14033	2719	16752	49.69
21	4884	773	417	6074	120	1795	5050	5681	-515	-458	13260	716	13976	2600	16576	49.71
22	4894	885	420	6199	107	1820	5081	5182	-525	-471	12884	524	13408	2484	15892	49.80
23	4870	875	377	6122	114	1742	4913	5442	-515	-507	12960	482	13442	2351	15793	49.70
24	4887	973	392	6252	105	1699	4802	5541	-495	-507	13137	357	13494	2193	15687	49.70
MUs	113.78	17.06	9.00	139.84	3.55	42.14	111.62	131.05	-10.67	-9.48	307.33	27.35	334.68	57.09	391.77	49.83

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 26/Mar/2012

Position as on 6.30 Hrs of 27/Mar/2012

Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE							
Cent_Sect NTPC(K-1)	210	20/12/2011	13.44		Continued.	Annual Overhaul.	31/03/2012
Koyna UNIT 6	75	10/03/2012	07.05		Continued.	Pressure Shaft work	28/03/2012
Koyna Unit 5	80	10/03/2012	07.10		Continued.	Pressure Shaft work	28/03/2012
Chandrapur Unit 1	210	11/03/2012	08.48		Continued.	Annual Overhaul	07/04/2012
FORCED OUTAGE							
Dabhol 3B	230	04/02/2012	23.43		Continued.	Gas Shortage	
Khaparkheda Unit 5	500	13/02/2012	22.18		Continued.	Low Vaccum.	
Tata Trombay 4	150	14/02/2012	00.08		Continued.	Withdrawn/Cold Standby	
Dabhol 3A	230	07/03/2012	15.42		Continued.	Gas shortage.	
Dabhol 3X	290	07/03/2012	15.42		Continued.	Gas shortage.	
Cent_Sect TARAPUR-3	540	15/03/2012	22.13		Continued.	Primary coolant pump fail.	
CPP WPCL U-2	135	19/03/2012	03.21		Continued.	Precepitator & Gas Fililter Replacement Work.	
Koradi Unit 5	200	19/03/2012	06.30		Continued.	I D Fan Problem.	
Dabhol 2B	230	23/03/2012	21.39		Continued.	Gas shortage.	
Parli Unit 3	210	23/03/2012	23.57		Continued.	Coal shortage.	
Cent_Sect NTPC(V) 9	500	24/03/2012	14.20	26/03/2012	16.27	Boiler tube leakage.	
Koradi Unit 7	210	24/03/2012	22.26	26/03/2012	07.40	Boiler Tube Leakage	
Khaparkheda Unit 2	210	25/03/2012	13.08		Continued.	Boiler Tube Leakage.	
Bhusawal Unit 4	500	25/03/2012	17.37		Continued.	Gen.Protection.	
Uran Unit 6	108	26/03/2012	06.50	26/03/2012	09.46	Bus fault.	
Uran Unit 8	108	26/03/2012	06.50	26/03/2012	09.25	Bus fault.	
Uran Unit B0	120	26/03/2012	06.50		Continued.	Bus fault.	
Uran Unit 7	108	26/03/2012	06.50	26/03/2012	09.08	Bus fault.	
Uran Unit 5	108	26/03/2012	07.40	26/03/2012	08.49	Boiler protection operated.	
Uran Unit A0	120	26/03/2012	07.40	26/03/2012	20.27	U-5 tripped.	
Koradi Unit 7	210	26/03/2012	07.50	26/03/2012	09.33	Electrical problem.	
Uran Unit 6	108	26/03/2012	10.54	26/03/2012	15.39	Control system problem.	

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 26/Mar/2012

Position as on 6.30 Hrs of 27/Mar/2012

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
InterState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
Akola - Aurangabad - I	26/03/2012	13:41	26/03/2012	22:55	Work on main CB.(line is on Tie-Breaker)
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Wardha - Akola - II	24/03/2012	11.47		Continued.	Over Voltage
765KV Seoni - Wardha - II	24/03/2012	12.18		Continued.	Hand Tripped
Kolhapur-Mapusa-II	25/03/2012	18.14	26/03/2012	10:07	Over Voltage.
Dhule-Sar'Sarovar - II	25/03/2012	23.11	26/03/2012	09:02	Over Voltage.
Dhule - S'Sarovar- II	26/03/2012	17:10	27/03/2012	09:35	Over Voltage.
Kolhapur - Mapusa - I	26/03/2012	17:22	27/03/2012	08:57	Over Voltage.
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Solapur (PG)-South Solapur I	28/02/2012	21.59		Continued.	H/T.After Test Charge.
Halkarni-Amona I	26/03/2012	06:47	26/03/2012	08:02	Supply Failed.
Halkarni - Amona - II	26/03/2012	06:47	26/03/2012	08:03	Supply Failed.
Voltage Level : 220KV			Outage Type TRIPPED		
MUDSHINGI-CHIKODI	26/03/2012	06:45	26/03/2012	16:19	Distance Protection.
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
400/11 KV 80 MVA Station T/F 4A @ Deepnagar	03/01/2012	10.15		Continued.	Replacement of H V Bushing.
400/220 KV,500MVA ICT-II at Deepnagar.	10/01/2012	10.30		Continued.	Connection of L V Side Jumpers of ICT -I & II Span Stringing & Testing Work.
Lonikand - Parli - II	22/03/2012	08.27	26/03/2012	20:31	Work related New 400KV Lonikand-II S/stn(Up to 26/3/2012)
50 MVAR Reactor of Parli-Chandrapur - III	22/03/2012	11.00		Continued.	Tan Delta Value of R Phase Bushing high
Karad-Jaigad I	26/03/2012	09:41	26/03/2012	16:00	Cold Washing of Insulator.
400/220 KV 105 MVA Spare ICT - I at Nagothane.	26/03/2012	11:28		Continued.	Oil Filtration Work.
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
220/132 KV 150 MVA ICT @ Bhandara	28/12/2011	13.57		Continued.	Replacement of ICT by 200MVA (Up to 30-03-2012)
Uran-Kharghar-II	15/02/2012	07.42		Continued.	Mumbai system strengthing work
Khargar-Topworth	15/02/2012	07.47		Continued.	Mumbai system strengthing work
Kharghar-TSS	18/02/2012	08.52		Continued.	Temporary Reconfigured as Uran-TSS at 20.30Hrs Dt.18/2/12
Uran - Kharghar - I	19/02/2012	07.50		Continued.	Mumbai System Strengthening Work.
220/100KV,200MVA ICT-I at Borivali.	25/03/2012	08.33	26/03/2012	04:20	Attending Oil Leakage,R.M.Work.(Kept on humming from 03.50hrs on dated 26.03.2012)
Chalishaon-Khadka	26/03/2012	09:21		Continued.	Replacement of CB. (line taken on TBC).
Kalwa - Siemens	26/03/2012	11:06	26/03/2012	12:44	Attending leakage on Y ph CT.
Dahanu-Versova	26/03/2012	13:48		Continued.	For changing R-ph pilot string.
Uran - JNPT	26/03/2012	14:50	26/03/2012	21:08	R-ph string insulator replacement.

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 26/Mar/2012

Position as on 6.30 Hrs of 27/Mar/2012

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Aurangabad-Deepnagar-II	16/02/2012	16.56		Continued.	Over Voltage.
Bhusawal- Aurangabad	25/03/2012	17.00	26/03/2012	07:21	Over Voltage.
Karad-Kolhapur-II	25/03/2012	17.20	26/03/2012	06:54	Over Voltage.
Bhusawal- Aurangabad	26/03/2012	16:59		Continued.	Over Voltage.
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Chandrapur-Warora	22/03/2012	02.53		Continued.	To Control Warora-Wardha & Hinganghat Line Loading.
Lonikand-Ranjangaon	22/03/2012	08.13	26/03/2012	22:21	Load Shifted on BBLSR due to outage on 400KV Lonikand-Parli Line-II
Wardha-Abhijeet I	23/03/2012	10.02		Continued.	To control Koradi ICT loading.
Wardha-Abhijeet II	23/03/2012	10.02		Continued.	To control Koradi ICT loading.
Halkarni -Tillary	26/03/2012	06:47	26/03/2012	08:01	Supply Failed.
Voltage Level : 400KV			Outage Type TRIPPED		
400/220 KV 100 MVA Spare Unit @ Koradi	21/01/2012	03.36		Continued.	Buchholz Alarm Persisting
Karad - Kolhapur - I	26/03/2012	06:47	26/03/2012	07:45	Distance Protection.
Karad - Kolhapur - II	26/03/2012	06:54		Continued.	Distance Protection.
Voltage Level : 220KV			Outage Type TRIPPED		
220/100KV 200MVA ICT-III at Kalwa	03/04/2011	16.00		Continued.	Buchholz Trip,Diff.Prot.operated,PRV tripped(Kept on Humming at 18.45Hrs/24-3-12)
Vasai - Bhoisor (PGCIL)	26/03/2012	04.01	26/03/2012	16:04	Distance Protection.
Uran-ONGC	26/03/2012	05.02	26/03/2012	06.30	R Ph. to Earth.
ONGC-JNPT	26/03/2012	05.02	26/03/2012	14:38	Distance Protection, Declared Faulty.
Talangade - Mudshingi - I	26/03/2012	05.35	26/03/2012	15:23	Distance Protection.
Talangade - Mumewadi	26/03/2012	06:47	26/03/2012	07:23	Over Current.
Mumewadi-Mudshingi	26/03/2012	06:48	26/03/2012	07:20	Back up over current trip.
Uran - HOCL	26/03/2012	06:50	26/03/2012	08:13	Bus Bar Protection.
Bus Coupler @ Uran	26/03/2012	06:50	26/03/2012	08:14	Bus Bar Protection.
Uran -Apta-III	26/03/2012	06:50	26/03/2012	08:57	Bus Bar Protection.
Bus II at Uran.	26/03/2012	06:50	26/03/2012	08:13	Bus Bar Protection.
Mudshingi-Wathar	26/03/2012	07:15	26/03/2012	07:30	Distance Protection.
Talandge - Sawantwadi	26/03/2012	07:19	26/03/2012	08:16	Distance Protection.
Pedambe - Tambati	26/03/2012	07:38	26/03/2012	14:10	Distance Protection.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 27/Mar/2012

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 5	200	0
Unit 6	210	150
Unit 7	210	150
	620	300
Bhusawal		
Unit 2	210	180
Unit 3	210	190
Unit 4	500	
	920	370
Parli		
Unit 3	210	0
Unit 4	210	140
Unit 5	210	115
Unit 6	250	165
Unit 7	250	160
	1130	580
Chandrapur		
Unit 1	210	0
Unit 2	210	170
Unit 3	210	190
Unit 4	210	210
Unit 5	500	475
Unit 6	500	450
Unit 7	500	450
	2340	1945
Paras		
Unit 3	250	250
Unit 4	250	250
	500	500
Khaparkheda		
Unit 1	210	210
Unit 2	210	0
Unit 3	210	210
Unit 4	210	210
Unit 5	500	
	1340	630
Nasik		
Unit 3	210	200
Unit 4	210	200
Unit 5	210	190
	630	590
Uran		
All Units	852	620
	852	620
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	19
VTRNA	60	0
TILLARI	60	60

Generating unit	Derated Capacity (MW)	OLC (MW)
BHTGR/VEER	21	21
BHIRA T.R.	80	40
RNGR+BHTSA	20	13
BHANDARDRA	45	33
ELDARY	23	
SMLHY PTN	12	
GHATGHAR	250	
	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	995
WARDHA	405	349
Other CPPs	0	
	1005	1344
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	447
	2024	1877
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3455	5589
	3455	5589

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