



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

State Load Dispatch Center, Airoli

Daily system Report

for

30/Jan/2015

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 30/Jan/2015 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	120.315	3613.662	1) Gujrat	5.225	76.317
2) Hydro	4.137	211.315	2) Madhya Pradesh	13.102	383.779
3) Gas	8.036	245.523	3) Chattisgarh	5.840	126.590
Total MSGENCO	132.488	4070.500	4) Maharashtra Net	90.713	2563.966
B) 1) JSW JAIGAD	21.434	621.020	(Incl. 765kV Solapur-Raichur)	-10.112	-215.821
2) WPCL	2.795	75.890	5) Goa	-6.307	-181.747
3) ADANI	41.440	1326.270	6) TAPS 1&2 Injection	0.019	60.229
4) Other CPP / IPP	31.141	758.716	7) RGPPL Injection	0.000	0.000
5) Wind Generation	7.538	135.168	8) Pench (Excess)	-0.498	-15.283
6) PENCH (MS)	0.498	15.283			
7) SOLAR	1.212	30.255	# Total Cent. Sector	108.094	3013.851
C) 1) TPCL Thermal	9.112	285.541	F) Other Exchanges		
2) TPCL Hydro	5.044	137.203	1) With TPCL (Excess)	-28.227	-767.352
TOTAL TPCL	14.156	422.744	G) Bilateral Power *		
3) REL Thermal	5.411	168.671	1) MSEDCL Bilateral	28.277	642.894
D) STATE			Include PX	3.080	-117.115
1) Thermal (A1+C1+C3)	134.838	4067.874	2) MUMBAI Bilateral	21.781	663.363
2) Hydro (A2+B6+C2)	9.679	363.801	Include PX	4.868	98.012
3) Gas (A3)	8.036	245.523	3) MUMBAI Schedule	21.781	666.135
4) Wind (B5)	7.538	135.168	H) ENERGY CATERED (MUs)		
5) CPP/IPP (B1+B2+B3+B4)	96.810	2781.896	1) MSEDCL	318.413	9279.601
6) SOLAR (B7)	1.212	30.255	2) TPCL	29.463	840.125
TOTAL STATE	258.113	7624.517	3) REL	18.329	518.624
			TOTAL STATE	366.205	10638.350

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 12 Hrs	B. Evening Peak at 14 Hrs	C. Night Minimum at 4 Hrs
MSGENCO Thermal	5351	5326	4603
MSGENCO Hydro	315	240	100
MSGENCO Gas	306	302	322
MSGENCO Total Generation	5972	5868	5025
Central Sector Receipt	5778	5327	3031
WIND	221	87	468
CPP / IPP	4210	4250	3808
SOLAR	169	168	0
Exchange with Mumbai	-1430	-1304	-677
MSEDCL DEMAND MET	14943	14409	11670
Load Shedding	827	722	76
MSEDCL DEMAND	15770	15131	11746
TPCL GENERATION	850	794	352
R-INFRA GENERATION	257	259	195
TPCL+R-INFRA DEMAND	2537	2357	1224
STATE DEMAND MET	17480	16766	12894
STATE DEMAND	18307	17488	12970
Frequency (Hz)	50.01	49.99	50.06

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.29 Hz at 17:01 Hrs	49.62 Hz at 12:18 Hrs	49.98	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 30/Jan/2015

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	0.51	91.58	135	0	0
Unit 7	3.64	101.01	165	130	145
Total	4.15	192.60			145
Bhusawal					
Unit 2	0.00	0.00	0	0	0
Unit 3	0.00	27.63	0	0	0
Unit 4	10.14	286.52	510	240	322
Unit 5	0.00	227.05	0	0	0
Total	10.14	541.21			322
Parli					
Unit 3	0.00	0.00	0	0	0
Unit 4	3.59	78.60	160	140	152
Unit 5	3.50	107.48	152	140	145
Unit 6	4.59	145.63	219	154	185
Unit 7	4.60	130.34	205	184	190
Total	16.28	462.04			672
Chandrapur					
Unit 1	0.00	0.00	0	0	0
Unit 2	3.04	92.37	132	119	130
Unit 3	4.58	99.71	211	172	210
Unit 4	3.98	112.70	180	140	200
Unit 5	9.65	280.85	455	357	450
Unit 6	9.22	240.23	415	348	430
Unit 7	9.98	245.15	449	395	450
Total	40.46	1071.01			1870
Paras					
Unit 3	4.66	139.30	210	182	201
Unit 4	5.00	106.57	222	189	201
Total	9.66	245.87			402
Khaparkheda					
Unit 1	4.43	125.52	210	130	200
Unit 2	2.20	103.84	185	0	0
Unit 3	4.87	134.58	215	188	210
Unit 4	4.00	111.32	203	0	210
Unit 5	11.21	252.42	500	380	500
Total	26.70	727.67			1120
Nasik					
Unit 3	4.32	128.41	200	165	200
Unit 4	4.25	126.98	192	166	200
Unit 5	4.34	117.88	195	169	200
Total	12.92	373.26			600
Uran					
All Units	8.04	245.52	477	296	325
Total	8.04	245.52			325
PENCH (MS)					
Pench (MS)	0.50	15.28	27	10	0
Total	0.50	15.28			0
Koyna					
Stage 1-2	1.46	80.26	230	40	600
Stage 4	0.00	17.20	0	0	250
Stage 3	0.40	22.05	160	0	320
Kovna 12&4 Total	1.46	97.47			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Total	1.85	119.52			1170
Hydro					
KDPH	0.00	8.86	0	0	0
VTRNA	0.00	0.00	0	0	0
TILLARI	0.00	6.74	0	0	0
BHTGR/VEER	0.08	2.65	4	3	3
BHIRA T.R.	0.31	7.68	80	0	80
RNGR+BHTSA	0.38	9.74	16	15	14
BHANDARDRA	0.00	0.11	0	0	4
ELDARY	0.30	2.66	13	11	10
SMLHY PTN	0.74	30.10	39	28	15
GHATGHAR	0.48	23.25	125	0	0
Total	2.28	91.80			126
Wind					
MalharPeth	0.14	3.28			
Vankuswadi	0.31	5.82			
ATIT	0.03	0.57			
Kale	0.14	2.30			
Satara	3.11	61.36			
Shirala	0.27	3.43			
K Mahankal	0.01	0.37			
Supa	0.18	1.92			
Vita	1.01	19.14			
Dondaicha	1.38	20.04			
Sakri	0.13	2.33			
Nandurbar	0.35	7.31			
Khandke	0.27	4.48			
Khaparale	0.20	2.82			
Total	7.54	135.17			
CPP					
JSW JAIGAD	21.43	621.02	947	776	860
WARDHA	2.80	75.89	119	98	118
Adani	41.44	1326.27	1790	1680	1728
Other CPPs	31.14	758.72			745
Total	96.81	2781.90			3451
SOLAR					
Total	1.21	30.26			
Total	1.21	30.26			
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	0.00	21.75	0	0	0
Trombay 6	3.61	99.08	152	149	500
Trombay 7A	0.00	0.00	0	0	0
Trombay 7B	0.00	0.00	0	0	0
Trombay 8	5.50	164.72	251	201	250
TATA Hydro	5.04	137.20	459	0	447
Total	14.16	422.74			1197
REL					
1&2	5.41	168.67	260	195	250
Total	5.41	168.67			250
Cent Sect					
Share					5726
Total					5726
MS PG CL	Thermal	120.32	3613.66		5131
	Thml+Gas	128.35	3859.18		5456
	Hydro	4.14	211.32		1296
	Total	132.49	4070.50		6752
State Total	258.11	7624.52			17376

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 30/Jan/2015

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	4564	100	320	4984	251	3885	0	3711	3455	-637	-898	11704	124	11828	1446	13274	50.03
2	4595	105	321	5021	311	3838	0	3625	3323	-610	-771	11749	76	11825	1317	13142	50.03
3	4623	99	321	5043	404	3813	0	3434	3181	-586	-713	11753	76	11829	1258	13087	50.04
4	4603	100	322	5025	468	3808	0	3504	3031	-586	-677	11670	76	11746	1224	12970	50.06
5	4524	120	321	4965	582	3829	0	3491	3290	-591	-706	11985	77	12062	1251	13313	49.97
6	4568	105	320	4993	674	3908	0	3853	4139	-624	-803	12924	130	13054	1381	14435	49.98
7	4890	103	320	5313	797	3998	1	4849	4695	-662	-999	13832	207	14039	1604	15643	49.92
8	5079	300	320	5699	662	4101	10	5004	5434	-755	-927	14993	234	15227	1795	17022	49.92
9	5209	367	316	5892	545	4242	57	5331	5496	-956	-1050	15195	804	15999	2008	18007	49.94
10	5223	370	312	5905	406	4143	94	5785	5701	-1123	-1225	15050	714	15764	2325	18089	49.88
11	5285	321	306	5912	230	4207	150	5928	5947	-1253	-1392	15069	738	15807	2487	18294	50.01
12	5351	315	306	5972	221	4210	169	6022	5778	-1277	-1430	14943	827	15770	2537	18307	50.01
13	5345	249	302	5896	170	4153	194	5605	5346	-1236	-1374	14410	894	15304	2494	17798	49.93
14	5326	240	302	5868	87	4250	168	5124	5327	-1134	-1304	14409	722	15131	2357	17488	49.99
15	5315	158	296	5769	66	4214	132	5509	5159	-1122	-1418	13947	525	14472	2374	16846	49.96
16	5270	100	296	5666	51	4212	127	5567	5782	-1118	-1369	14494	156	14650	2388	17038	49.93
17	5290	125	305	5720	58	4269	79	5016	5056	-1099	-1378	13829	134	13963	2424	16387	49.99
18	5306	104	315	5725	97	4215	31	4115	3693	-834	-1432	12350	108	12458	2360	14818	50.03
19	5152	148	340	5640	172	3997	0	4490	4116	-1119	-1494	12458	81	12539	2415	14954	49.94
20	5061	183	350	5594	285	3857	0	5039	4973	-1183	-1417	13319	76	13395	2404	15799	50.00
21	5028	117	306	5451	296	3954	0	4646	4414	-1131	-1515	12625	73	12698	2249	14947	50.00
22	5027	101	472	5600	236	3973	0	3853	3856	-728	-1467	12208	71	12279	2103	14382	50.01
23	4877	101	470	5448	219	3863	0	3461	3472	-755	-1315	11700	71	11771	1891	13662	49.97
24	4804	106	477	5387	250	3871	0	3346	3430	-659	-1153	11797	66	11863	1702	13565	50.04
MUs	120.32	4.14	8.04	132.49	7.54	96.81	1.21	110.31	108.09	-21.78	-28.23	318.41	7.06	325.47	47.79	373.27	49.98

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 30/Jan/2015

Position as on 6.30 Hrs of 31/Jan/2015

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	
Cent_Sect Tarapur 1	160	12/10/2014	22.39		Continued.	Refuelling work.(60Days)	
Hydro GhatgharU2	125	23/12/2014	08.30		Continued.	Annual Overhaul	
Tata Trombay 5	500	03/01/2015	20.30		Continued.	Annual Maintenance	
Bhusawal Unit 3	210	20/01/2015	08.02		Continued.	Annual Overhaul	10/02/2015
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	
CPP WPCL U-1	135	30/10/2014	00.43		Continued.	ESP Bag Filter Damaged	
Tata Trombay 7B	60	11/12/2014	20.39		Continued.	Rotor Fault.	25/02/2015
Tata Trombay 7A	120	11/12/2014	21.51		Continued.	Rotor Fault.	25/02/2015
Cent_Sect TARAPUR-4	540	19/12/2014	19.04		Continued.	W/Dn.	
REL 2	250	04/01/2015	01.55		Continued.	Stator E/F.	
CPP Adani U-4	660	04/01/2015	03.24		Continued.	MOV Leakage	
Bhusawal Unit 5	500	25/01/2015	13.50		Continued.	Boiler Tube Leakage	
CPP WPCL U-4	135	25/01/2015	22.27		Continued.	ID Fan problem	
Uran Unit 8	108	26/01/2015	12.22		Continued.	Gas Shortage	
CPP IPL U-1	270	27/01/2015	21.55		Continued.	Coal Shortage	
Uran Unit 5	108	27/01/2015	23.58		Continued.	Gas Shortage	
Khaparkheda Unit 2	210	28/01/2015	10.26	30/01/2015	09.53	BLR T/L.	
Khaparkheda Unit 4	210	28/01/2015	14.50	30/01/2015	01.02	BTL.	

State Load Dispatch Center,Airoli (MSETCL)
Details of Generating Unit Outages/Trippings for 30/Jan/2015

Position as on 6.30 Hrs of 31/Jan/2015

Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
Cent_Sect Tarapur 2	160	29/01/2015	22.55	30/01/2015	22.26	Internal air prob.	
Koradi Unit 6	210	30/01/2015	03.35	31/01/2015	04.30	BLR Outlet Valve Work.	
CPP Indiabulls	540	30/01/2015	18.23	30/01/2015	20.05	Furnace pressure high.(U-3)	

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 30/Jan/2015

Position as on 6.30 Hrs of 31/Jan/2015

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
InterState					
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		
Kolhapur-Mapusa-II	29/01/2015	16.34	30/01/2015	08.32	Over Voltage.
Dhule-Sar'Sarovar - I	29/01/2015	18.08		Continued.	Over Voltage.
Kolhapur - Mapusa - I	30/01/2015	17.17		Continued.	Over Voltage.
Voltage Level : 400KV			Outage Type TRIPPED		
Dabhol-Nagothane - II	31/01/2015	03.10		Continued.	Over Voltage.
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
400/220 KV 105 MVA Spare ICT @ Akola.	06/01/2015	09.50		Continued.	Oil Filtration of Main Tank & OLTC Due to Rise in Water Content.
400/220 KV 315 MVA ICT-III @ Lonikand.	28/01/2015	21.14		Continued.	Isolator Maintenance Work.
Akola - Akola-II - II	29/01/2015	08.08		Continued.	A.M.Work.
Dabhol - Nagothane - I	29/01/2015	09.13		Continued.	Cold washing.
Khadka - Deepnagar - I	30/01/2015	08.18	30/01/2015	18.35	Repl and Tightening of missing nut bolts.
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
Ghodbandar - Bhoisor (MSETCL)	25/11/2014	11.36		Continued.	Erection & Stringing Work.
TBC @ 400 KV Parli-II	07/01/2015	15.48		Continued.	Shifting of CR Panel from 220KV Girawali C/R to 400KV C/R.
Theur - Jejuri	30/01/2015	09.00	30/01/2015	19.52	E/W Replacement.
Aarey-Versova	30/01/2015	09.02	30/01/2015	16.13	Annual maint work.
Phursungi - Sirum	30/01/2015	09.34		Continued.	E/W Replacement.
Bhandara-Kanhan ckt-I	30/01/2015	11.16	30/01/2015	19.47	Diagnostic testing and maint work.
Padgha - Jindal	30/01/2015	12.03	30/01/2015	18.05	Commissioning of check meter PT.
Ghatghar-Jindal	30/01/2015	12.31	30/01/2015	19.15	Commissioning of check meter PT.
Apta-Kalwa	30/01/2015	13.49	30/01/2015	15.06	BKR Pressure Switch Prob.
Vita-Mhaisal	30/01/2015	14.32	30/01/2015	15.50	Repl of energy meter & Testing of Dist Relay.
Voltage Level : 110KV			Outage Type PLANNED OUTAGE		
Kalwa -kalyan salsette 2	30/01/2015	09.55	30/01/2015	15.40	Attending hot spot.
Voltage Level : 100KV			Outage Type PLANNED OUTAGE		
Bus Sec Bay at Kalwa	30/01/2015	08.04	30/01/2015	18.14	CT painting work.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
400/220KV 500MVA ICT-II at Warora	16/01/2015	10.43		Continued.	CTR problem.
Bableshwar-Taptitanda II	28/01/2015	19.24		Continued.	Over Voltage.
Karad - Kolhapur - II	29/01/2015	16.35	30/01/2015	07.31	Over Voltage.
Karad-Jaigad I	29/01/2015	16.40	30/01/2015	07.33	Over Voltage.
Bhusawal- Aurangabad	29/01/2015	17.12	30/01/2015	05.58	Over Voltage.
Lonikand- Koyana Stage IV	29/01/2015	21.46	30/01/2015	06.30	Over Voltage.
Karad - Kolhapur - II	30/01/2015	16.41		Continued.	Over Voltage.
Bhusawal- Aurangabad	30/01/2015	18.04		Continued.	Over Voltage.

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 30/Jan/2015

Position as on 6.30 Hrs of 31/Jan/2015

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
Kolhapur-Jaigad-I	30/01/2015	20.34		Continued.	Over Voltage.
Lonikand- Koyna Stage IV	30/01/2015	21.39		Continued.	Over Voltage.
Voltage Level : 220KV			Outage Type HAND TRIPPED		
BBLSR-Waluj	20/01/2015	08.51		Continued.	For Loading of Walunj ICT.
Voltage Level : 400KV			Outage Type TRIPPED		
765KV Koradi-III -- Tiroda - II	25/01/2015	13.08		Continued.	Bus Bar prot.Operated
Dabhol - New Koyna - I	25/01/2015	18.00		Continued.	Over Voltage
400/220 KV 315 MVA ICT-II @ Nagothane.	30/01/2015	15.27		Continued.	Bucholz.
Voltage Level : 220KV			Outage Type TRIPPED		
220/110KV 200MVA ICT-III at Borivali	21/09/2014	09.16		Continued.	monkey fault
220/132KV 100 MVA,ICT-I at Jeur	31/12/2014	21.28		Continued.	Diff.Prot.Optd.
Pophali - KDPH	27/01/2015	22.05		Continued.	Distance Protection.
Kanhan - Umred - I	30/01/2015	17.30	30/01/2015	20.44	Dist.Prot.
Voltage Level : 100KV			Outage Type TRIPPED		
Kandalgaon-Roha-I	30/01/2015	23.05	30/01/2015	23.25	Dist.Prot.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 31/Jan/2015

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 5	200	0
Unit 6	210	28
Unit 7	210	141
	620	169
Bhusawal		
Unit 2	210	0
Unit 3	210	0
Unit 4	500	370
Unit 5	500	0
	1420	370
Parli		
Unit 3	210	0
Unit 4	210	140
Unit 5	210	140
Unit 6	250	190
Unit 7	250	190
	1130	660
Chandrapur		
Unit 1	210	0
Unit 2	210	130
Unit 3	210	210
Unit 4	210	200
Unit 5	500	450
Unit 6	500	430
Unit 7	500	450
	2340	1870
Paras		
Unit 3	250	201
Unit 4	250	201
	500	402
Khaparkheda		
Unit 1	210	200
Unit 2	210	180
Unit 3	210	210
Unit 4	210	210
Unit 5	500	500
	1340	1300
Nasik		
Unit 3	210	200
Unit 4	210	200
Unit 5	210	200
	630	600
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	320
	1920	1170
Hydro		
KDPH	40	0
VTRNA	60	0

Generating unit	Derated Capacity (MW)	OLC (MW)
TILLARI	60	0
BHTGR/VEER	21	4
BHIRA T.R.	80	80
RNGR+BHTSA	20	16
BHANDARDRA	45	0
ELDARY	23	
SMLHY PTN	12	21
GHATGHAR	250	
	611	121
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	860
WARDHA	405	118
Adani	2640	1728
Other CPPs	300	745
	4545	3451
SOLAR		
Total	0	
	0	
Tata		
Trombay 4	150	0
Trombay 5	500	0
Trombay 6	500	500
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	6082
	3455	6082

	21940	18112
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