



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

State Load Dispatch Center, Airoli

Daily system Report

for

20/Jan/2012

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 20/Jan/2012 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	128.788	2284.403	1) Gujrat	5.242	87.791
2) Hydro	7.731	190.422	2) Madhya Pradesh	18.130	412.617
3) Gas	12.762	280.373	3) Chattisgarh	11.260	248.660
Total MSGENCO	149.281	2755.198	4) Maharashtra	44.668	974.687
B) OTHERS			5) Goa	-5.229	-110.023
1) JSW JAIGAD	19.593	458.205	6) TAPS 1&2 Injection	7.834	155.919
2) WPCL	7.326	157.123	7) RGPPL Injection	23.915	500.161
3) Other CPP / IPP	7.779	131.622	8) Pench (Excess)	-0.336	-6.581
4) Wind Generation	2.135	73.280	# Total Cent. Sector	105.484	2263.231
5) PENCH (MS)	0.336	8.864	F) Other Exchanges		
C) TPCL & REL			1) With TPCL (Excess)	-6.252	-111.413
1) TPCL Thermal	18.957	439.327	G) Bilateral Power *		
2) TPCL Hydro	5.587	78.015	1) MSEDCL Bilateral	31.847	789.017
TOTAL TPCL	24.544	517.342	Include PX	0.883	56.205
3) REL Thermal	12.541	234.200	2) MUMBAI Bilateral	7.700	157.893
D) STATE			Include PX	-4.291	-67.555
1) Thermal (A1+C1+C3)	160.286	2957.930	3) MUMBAI Schedule	7.700	163.135
2) Hydro (A2+B5+C2)	13.654	277.301	H) ENERGY CATERED (MUs)		
3) Gas (A3)	12.762	280.373	1) MSEDCL	285.682	5736.110
4) Wind (B4)	2.135	73.280	2) TPCL	28.903	580.432
5) CPP (B1+B2+B3)	34.698	746.950	3) REL	14.432	282.556
TOTAL STATE	223.535	4335.834	TOTAL STATE	329.017	6599.098

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 10 Hrs	B. Evening Peak at 20 Hrs	C. Night Minimum at 3 Hrs
MSGENCO Thermal	5586	5493	5158
MSGENCO Hydro	572	587	158
MSGENCO Gas	535	541	520
MSGENCO Total Generation	6693	6621	5836
Central Sector Receipt	4894	4334	3766
WIND	68	117	111
CPP / IPP	1505	1515	1329
Exchange with Mumbai	-331	-473	-107
MSEDCL DEMAND MET	12829	12164	10935
Load Shedding (LS)	734	0	0
MSEDCL DEMAND (INCL. LS)	13563	12164	10935
TPCL GENERATION	1290	1222	534
REL GENERATION	527	528	491
TPCL+REL DEMAND	2148	2223	1132
STATE DEMAND MET	14977	14387	12067
Load Management (LM)	2637	4003	1579
Total Load Relief (LS+LM)	3371	4003	1579
UNRESTRICTED STATE DEMAND	18348	18390	13646
Frequency (Hz)	49.70	49.70	50.04

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.29 Hz at 05.06 Hrs	49.17 Hz at 06.59 Hrs	49.8	.08 % 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 20/Jan/2012

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 5	2.30	24.80	158	0	0
Unit 6	0.00	30.65	0	0	0
Unit 7	3.96	79.96	180	138	155
Total	6.26	135.40			155
Bhusawal					
Unit 2	4.32	64.87	185	160	180
Unit 3	4.18	85.84	190	160	180
Unit 4	0.00	0.00	0	0	
Total	8.50	150.70			360
Parli					
Unit 3	0.00	0.00	0	0	0
Unit 4	4.40	85.32	203	146	145
Unit 5	3.72	54.12	172	115	160
Unit 6	3.84	89.39	233	51	190
Unit 7	4.24	86.98	210	132	170
Total	16.20	315.82			665
Chandrapur					
Unit 1	3.60	73.09	158	146	160
Unit 2	3.88	74.31	165	158	155
Unit 3	3.66	75.89	180	125	170
Unit 4	4.49	100.56	210	61	210
Unit 5	11.26	129.80	480	405	460
Unit 6	10.68	204.63	468	410	450
Unit 7	9.93	189.72	450	387	400
Total	47.49	847.98			2005
Paras					
Unit 3	5.60	109.06	260	197	250
Unit 4	5.40	105.74	250	187	250
Total	11.00	214.80			500
Khaparkheda					
Unit 1	0.00	0.00	0	0	0
Unit 2	4.54	88.71	200	164	200
Unit 3	5.19	94.18	223	210	210
Unit 4	5.33	101.12	225	218	210
Unit 5	9.76	77.63	502	248	
Total	24.82	361.64			620
Nasik					
Unit 3	5.05	100.26	220	180	210
Unit 4	4.92	97.28	214	178	210
Unit 5	4.54	60.52	203	165	210
Total	14.51	258.06			630
Uran					
All Units	12.76	280.37	541	510	500
Total	12.76	280.37			500
PENCH (MS)					
Pench (MS)	0.34	8.86	51	0	
Total	0.34	8.86			
Koyna					
Stage 1-2	1.04	42.62	70	35	520
Stage 4	0.00	13.42	0	0	250
Stage 3	0.33	12.99	160	0	240
Total	1.38	69.02			1010
Kovna 12&4 Total	1.04	56.04			770

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Hydro					
KDPH	0.47	10.25	20	19	18
VTRNA	1.02	19.12	61	0	61
TILLARI	0.39	8.07	60	0	60
BHTGR/VEER	0.50	9.48	21	20	17
BHIRA T.R.	0.34	3.96	82	0	80
RNGR+BHTSA	0.35	7.27	15	14	15
BHANDARDRA	0.59	2.88	48	14	32
ELDARY	0.00	1.53	0	0	
SMLHY PTN	1.07	21.41	53	41	
GHATGHAR	1.62	37.44	250	0	
Total	6.35	121.40			283
Wind					
MalharPeth	0.07	3.04			
Vankuswadi	0.13	4.99			
ATIT	0.01	1.55			
Kale	0.02	1.86			
Satara	0.23	9.53			
Shirala	0.03	1.90			
K Mahankal	0.30	4.14			
Supa	0.07	1.73			
Vita	0.49	10.64			
Dondaicha	0.41	21.41			
Sakri	0.06	3.13			
Nandurbar	0.05	2.02			
Khandke	0.21	4.08			
Khaparale	0.05	3.25			
Total	2.14	73.28			
CPP					
JSW JAIGAD	19.59	458.20	854	752	770
WARDHA	7.33	157.12	341	260	330
Other CPPs	7.78	131.62			
Total	34.70	746.95			1100
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	0.00	97.29	0	0	0
Trombay 6	9.50	143.37	502	155	500
Trombay 7A	2.43	56.02	133	71	120
Trombay 7B	1.47	31.66	70	52	60
Trombay 8	5.56	110.99	251	173	250
TATA Hydro	5.59	78.02	437	0	447
Total	24.54	517.34			1377
REL					
1&2	12.54	234.20	530	459	500
Total	12.54	234.20			500
Cent Sect					
Share					5254
Total					5254

MS PG CL	Thermal	128.79	2284.40			4935
	Thml+Gas	141.55	2564.78			5435
	Hydro	7.73	190.42			1293
	Total	149.28	2755.20			6728
State Total		223.54	4335.83			14959

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 20/Jan/2012

TIME SR. NO.	MSPGCL GEN.			TOTAL	WIND	CPP / IPP	CS SHARE	CS RECPT	Mum.S CH.	Mum. NET EXCH.	MSEDCL DEMAND MET	# LOAD RELEIF (LS+LM)	MSEDCL DEMAND WITH LS	TPCL + REL DEMAND	STATE DEM. WITH LS+LM	FREQ. (Hz)
	THM	HY	GAS													
1	5240	182	520	5942	91	1329	4364	3919	-130	-207	11074	1901	11074	1304	14279	49.91
2	5146	159	519	5824	98	1332	4304	3858	-75	-144	10968	1856	10968	1175	13999	49.92
3	5158	158	520	5836	111	1329	4245	3766	-14	-107	10935	1579	10935	1132	13646	50.04
4	5257	148	519	5924	100	1333	4245	3642	-14	-109	10890	1771	10890	1102	13763	49.99
5	5287	159	515	5961	116	1329	4260	3865	-29	-43	11228	1781	11228	1119	14128	49.94
6	5376	149	510	6035	129	1390	4536	4197	29	15	11773	1870	11773	1251	14894	49.91
7	5425	185	532	6142	138	1469	4578	4419	-56	-30	12165	2425	12165	1477	16067	49.75
8	5466	228	535	6229	149	1511	4639	4834	-151	-79	12669	3474	13396	1675	17818	49.69
9	5463	300	536	6299	103	1511	4686	4760	-230	-200	12496	3541	13334	1895	17932	49.57
10	5586	572	535	6693	68	1505	5011	4894	-439	-331	12829	3371	13563	2148	18348	49.70
11	5544	519	529	6592	38	1513	5394	5001	-553	-423	12721	3305	13517	2269	18295	49.69
12	5407	387	538	6332	33	1504	5398	5318	-558	-422	12765	3275	13545	2292	18332	49.63
13	5290	430	538	6258	30	1523	5371	5217	-532	-394	12634	3276	13416	2259	18169	49.71
14	5226	468	539	6233	33	1519	5391	5417	-563	-332	12895	3148	13598	2105	18148	49.90
15	5237	468	541	6246	38	1518	5233	5082	-536	-396	12513	2977	13129	2124	17614	49.77
16	5285	463	534	6282	42	1515	5123	4833	-547	-405	12293	2906	12885	2120	17319	49.78
17	5384	458	534	6376	41	1512	4975	4150	-547	-396	11686	3058	12058	2117	16861	49.72
18	5398	257	538	6193	48	1518	4904	3715	-478	-349	11125	3203	11125	2111	16439	49.80
19	5518	459	538	6515	60	1518	5041	4406	-504	-446	12086	3940	12086	2187	18213	49.79
20	5493	587	541	6621	117	1515	5217	4334	-562	-473	12164	4003	12164	2223	18390	49.70
21	5444	380	538	6362	157	1424	5110	4052	-445	-363	11683	3997	11683	2126	17806	49.77
22	5462	217	540	6219	140	1390	4688	3501	-300	-250	11023	3991	11023	1938	16952	49.77
23	5396	213	538	6147	116	1348	4420	4108	-229	-203	11533	1928	11533	1725	15186	49.72
24	5300	185	535	6020	139	1343	4308	4193	-237	-165	11531	0	11531	1463	12994	49.94
MUs	128.7 9	7.73	12.76	149.28	2.14	34.70	115.44	105.48	-7.70	-6.25	285.68	66.58	292.62	43.34	395.59	49.80

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 20/Jan/2012

Position as on 6.30 Hrs of 21/Jan/2012

Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE							
Parli Unit 3	210	12/11/2011	21.25		Continued.	Annual Overhaul.	22/01/2012
Cent_Sect NTPC(K-1)	210	20/12/2011	13.44		Continued.	Annual Overhaul.	22/01/2012
Khaparkheda Unit 1	210	31/12/2011	02.37		Continued.	Annual Overhaul	10/02/2012
Koyna ST - IV 3	250	07/01/2012	15.45		Continued.	Spherical Oil Tank Level Increased.	22/01/2012
Tata Trombay 5	500	11/01/2012	00.19		Continued.	Annual overhaul.	14/02/2012
Koyna Unit 10	80	19/01/2012	00.01		Continued.	Water Leakage through Lever	29/01/2012
FORCED OUTAGE							
Bhusawal Unit 4	500	17/10/2011	03.55		Continued.	Hand Tripped	29/02/2012
Dabhol 3B	230	12/12/2011	23.46		Continued.	Gas shortage.	
Dabhol 3A	230	13/12/2011	16.09		Continued.	Gas Shortage	
Dabhol 3X	290	13/12/2011	16.09		Continued.	Gas Shortage	
Cent_Sect NTPC(K-3)	210	28/12/2011	14.00		Continued.	CW Pump Problem	
Koradi Unit 5	200	11/01/2012	00.12	20/01/2012	06.05	W/Dn,by Mahagenco.	
Koradi Unit 6	210	11/01/2012	00.20		Continued.	W/Dn,by Mahagenco.	
CPP WPCL U-3	135	17/01/2012	01.06		Continued.	Filter replacement	20/01/2012
CPP JSW (J) U2	300	17/01/2012	22.27		Continued.	Turbine lube oil system problem.	
Koyna Unit 5	80	19/01/2012	13.20		Continued.	Generator Differential Protection	
Parli Unit 6	250	21/01/2012	05.25		Continued.	Furnance Pressure High.	

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 20/Jan/2012

Position as on 6.30 Hrs of 21/Jan/2012

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
InterState					
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
Borivali-Tarapur	29/12/2011	07:54		Continued.	Work of Conversion from D/C to M/C (60 Days Outage). Temporary reconfigured as Tarapur-Boisar ckt-II
Padgha - Boisar (PGCIL)	20/01/2012	11.15	20/01/2012	17.17	Bay Maintenance Work.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Parly(PG) - Wardha (PG) - I	11/01/2012	18.16		Continued.	Over Voltage.
Parli (PG)-Bhadravati I	11/01/2012	21.56		Continued.	Over Voltage.
Parly(PG)- Solapur(PG) - I	13/01/2012	21.42		Continued.	Over Voltage.
Kolhapur - Mapusa - I	18/01/2012	16.49	20/01/2012	10.09	Over Voltage
Dhule-Sar'Sarovar - II	19/01/2012	01.33		Continued.	Over Voltage
Akola - Wardha - II	19/01/2012	21.51	20/01/2012	06.56	Over Voltage
Akola-Aurangabad--II	19/01/2012	22.04	20/01/2012	07.19	Over Voltage
Dhule-S'Sarovar I	19/01/2012	23.10	20/01/2012	09.05	Over Voltage
Kolhapur - Mapusa - II	20/01/2012	16.17		Continued.	Over Voltage.
Wardha - Akola - I	20/01/2012	21.34		Continued.	Over Voltage.
Akola - Aurangabad - I	20/01/2012	21.54		Continued.	Over Voltage.
Dhule-S'Sarovar I	20/01/2012	23.45		Continued.	Over Voltage.
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
400/220KV 105 MVA Spare ICT at Parly II	22/04/2011	13.50		Continued.	To Remove Trip Coil Assembly for Bus Coupler.
400/220KV,200MVA Spare ICT at Kalwa.	15/12/2011	14.59		Continued.	For Replacement of Y Ph. C T of ICT-I by 400KV C T of Spare ICT.up to 25.01.2012
Koyna IV - Jejuri	19/01/2012	16.05	20/01/2012	07.34	Y Phase String hardware replacement(Ready for charging at
400/220 KV Spare ICT @ Kharghar	20/01/2012	09.15	20/01/2012	18.58	Maintenance Work.
Main Bus - I @ Khadka	20/01/2012	12.45	20/01/2012	19.17	Reconnection of Jumpers of Main Bus-I to Extended Bus.
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
220/132 KV 100 MVA ICT-I @ Girawali	24/11/2011	10.46		Continued.	Augmentation of ICT BY 200 MVA ICT.
Kalwa-Trombay	30/11/2011	09.20		Continued.	Replacement of Breaker (Taken on TBC upto 25.01.2012.
220/132 KV 150 MVA ICT @ Bhandara	28/12/2011	13.57		Continued.	Replacement of ICT by 200MVA (Up to 29/2/12)
Boiser - Borivali	29/12/2011	08.40		Continued.	Work of Conversion from D/C to M/C (60 Days Outage). Temporary reconfigured as Tarapur-Boisar ckt-II
Chandrapur-Wani	15/01/2012	08.02		Continued.	Dismantling of Existing Towers No.33 & 44 of 220KV Chandrapur-Warora,Erection of Tower @ Loc No.25,26,Stringing Bet.Existing Tower No.45 to New Loc No.25,26.
Chandrapur-Warora	15/01/2012	08.12		Continued.	Dismantling of Existing Towers No.33 & 44 of 220KV Chandrapur-Warora,Erection of Tower @ Loc No.25,26,Stringing Bet.Existing Tower

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 20/Jan/2012

Position as on 6.30 Hrs of 21/Jan/2012

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
					New Loc No.25,26.
Chandrapur - Rly TSS - II	19/01/2012	15.16		Continued.	Overhauling of B Pole of Main Breaker
220 KV Road Side Bus @ Kalwa	20/01/2012	07.55	20/01/2012	14.45	Replacement of Single Conductor by Twin.
TBC @ Mudsingi	20/01/2012	10.01		Continued.	Replacement of Old Aux. Bus Side Isolator.
Karad-Kolhapur - II	20/01/2012	10.10	20/01/2012	17.48	C T Replacement.
Dhule - Amalner	20/01/2012	10.19	20/01/2012	16.30	Measurment of Tan Delta of C T.
Amalner - Dondaicha	20/01/2012	10.19	20/01/2012	16.30	Measurment of Tan Delta of C T.
220/132 200 MVA ICT - I @ Harangul	20/01/2012	10.57	20/01/2012	16.55	Refilling of Treansformer Oil.
Padgha - Nalasopara	20/01/2012	11.15	20/01/2012	16.46	Bay Maintenance Work.
Dhamangaon - Rly TSS - I	20/01/2012	13.32	20/01/2012	17.01	Replacement of Meter & Testing of 220 KV Metering P T.
TBC @ Hinganghat	20/01/2012	13.40	20/01/2012	17.30	C B Timing & CRM Testing.
Kalwa-Trombay	20/01/2012	15.24	20/01/2012	18.10	Testing of New Breaker.
Dhamangaon-RLY TSS Ckt II	20/01/2012	17.03	20/01/2012	18.19	Replacement of Meter & Testing of 220 KV Metering P T.
Voltage Level : 132KV					Outage Type PLANNED OUTAGE
Amravati - Achalpur	16/01/2012	10.10		Continued.	Main bkr.maint.work.
Voltage Level : 110KV					Outage Type PLANNED OUTAGE
Kolshet - Vasai	20/01/2012	11.07	20/01/2012	14.53	C T Replacement.
Voltage Level : 100KV					Outage Type PLANNED OUTAGE
Chinchwad - Talegaon	25/11/2011	11.29		Continued.	Line Strengthening.
Kalwa - Salsette - II	20/01/2012	09.40	20/01/2012	18.35	Maintenance Work.
Voltage Level : 400KV					Outage Type HAND TRIPPED
400/220KV,500MVA ICT-II at Khaparkheda.	20/11/2011	08.02		Continued.	Due to low nitrogran pressure fire alarm received.
400/220KV 500MVA ICT-III at Dhule	07/01/2012	20.04		Continued.	Due to MCCB of Diff. Relay Burnt.
Bhusawal- Aurangabad	19/01/2012	17.34	20/01/2012	09.27	Over Voltage
Karad - Kolhapur - I	19/01/2012	20.50	20/01/2012	07.31	Over Voltage
Karad - Kolhapur - II	20/01/2012	16.22		Continued.	Over Voltage.
Bhusawal- Aurangabad	20/01/2012	16.29		Continued.	Over Voltage.
Voltage Level : 220KV					Outage Type HAND TRIPPED
Chandrapur - Warora	24/12/2011	17.58		Continued.	To control Wardha-Warora,Hinganghat -Warora.L/L.
Voltage Level : 400KV					Outage Type TRIPPED
Stage-IV - Jejuri	20/01/2012	07.36	20/01/2012	18.24	Distance Protection.
Babaleshwar - Bhusawal	20/01/2012	18.22	20/01/2012	18.41	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(Failed).
RLY TSS - II at Bhandara	19/01/2012	00.45		Continued.	Y Phase O/C, E/F.
Karad-Mudsingi-IV	20/01/2012	05.00	20/01/2012	08.31	Distance protection
Karad-Pophali	20/01/2012	05.06	20/01/2012	13.42	Distance protection
Chinchwad-Theur	20/01/2012	08.12	20/01/2012	13.08	Distance Protection.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 21/Jan/2012

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 5	200	130
Unit 6	210	0
Unit 7	210	150
	620	280
Bhusawal		
Unit 2	210	180
Unit 3	210	180
Unit 4	500	
	920	360
Parli		
Unit 3	210	0
Unit 4	210	185
Unit 5	210	150
Unit 6	250	0
Unit 7	250	185
	1130	520
Chandrapur		
Unit 1	210	160
Unit 2	210	155
Unit 3	210	170
Unit 4	210	210
Unit 5	500	475
Unit 6	500	450
Unit 7	500	450
	2340	2070
Paras		
Unit 3	250	250
Unit 4	250	250
	500	500
Khaparkheda		
Unit 1	210	0
Unit 2	210	200
Unit 3	210	210
Unit 4	210	210
Unit 5	500	
	1340	620
Nasik		
Unit 3	210	210
Unit 4	210	210
Unit 5	210	180
	630	600
Uran		
All Units	852	500
	852	500
PENCH (MS)		
Pench (MS)	53	
	53	
Koyna		
Stage 1-2	600	520
Stage 4	1000	250
Stage 3	320	240
	1920	1010
Hydro		
KDPH	40	20
VTRNA	60	60
TILLARI	60	60

Generating unit	Derated Capacity (MW)	OLC (MW)
BHTGR/VEER	21	21
BHIRA T.R.	80	80
RNGR+BHTSA	20	15
BHANDARDRA	45	16
ELDARY	23	
SMLHY PTN	12	42
GHATGHAR	250	
	611	314
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	770
WARDHA	405	330
Other CPPs	0	
	1005	1100
Tata		
Trombay 4	150	0
Trombay 5	500	0
Trombay 6	500	500
Trombay 7A	120	120
Trombay 7B	60	60
Trombay 8	250	250
TATA Hydro	444	447
	2024	1377
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3455	5223
	3455	5223

	17900	7 of 7 14974
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