



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

State Load Dispatch Center, Airoli

Daily system Report

for

26/Dec/2014

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 26/Dec/2014 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	116.017	3152.139	1) Gujrat	4.591	36.782
2) Hydro	5.367	253.992	2) Madhya Pradesh	10.216	293.255
3) Gas	10.550	228.118	3) Chattisgarh	6.560	153.890
Total MSGENCO	131.934	3634.249	4) Maharashtra Net	78.666	2258.320
B) 1) JSW JAIGAD	19.459	552.594	(Incl. 765kV Solapur-Raichur)	-12.272	-183.425
2) WPCL	2.385	68.844	5) Goa	-6.115	-157.714
3) ADANI	53.320	1274.780	6) TAPS 1&2 Injection	3.113	107.987
4) Other CPP / IPP	24.135	590.372	7) RGPPL Injection	0.000	0.000
5) Wind Generation	8.618	180.532	8) Pench (Excess)	-0.087	-3.130
6) PENCH (MS)	0.087	3.130			
7) SOLAR	0.972	25.070	# Total Cent. Sector	96.944	2689.390
C) 1) TPCL Thermal	13.793	424.047	F) Other Exchanges		
2) TPCL Hydro	4.361	95.251	1) With TPCL (Excess)	-19.648	-566.056
TOTAL TPCL	18.154	519.298	G) Bilateral Power *		
3) REL Thermal	10.188	223.376	1) MSEDCL Bilateral	25.932	654.901
D) STATE			Include PX	-3.579	-51.882
1) Thermal (A1+C1+C3)	139.998	3799.562	2) MUMBAI Bilateral	15.749	495.124
2) Hydro (A2+B6+C2)	9.815	352.373	Include PX	-0.494	42.439
3) Gas (A3)	10.550	228.118	3) MUMBAI Schedule	15.749	502.525
4) Wind (B5)	8.618	180.532	H) ENERGY CATERED (MUs)		
5) CPP/IPP (B1+B2+B3+B4)	99.299	2486.590	1) MSEDCL	318.206	8452.905
6) SOLAR (B7)	0.972	25.070	2) TPCL	29.346	800.437
TOTAL STATE	269.252	7072.245	3) REL	18.643	507.557
			TOTAL STATE	366.195	9760.899

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 11 Hrs	B. Evening Peak at 14 Hrs	C. Night Minimum at 2 Hrs
MSGENCO Thermal	5063	5210	4451
MSGENCO Hydro	738	121	120
MSGENCO Gas	430	391	440
MSGENCO Total Generation	6231	5722	5011
Central Sector Receipt	5133	5540	2689
WIND	317	202	235
CPP / IPP	4500	4348	3803
SOLAR	108	119	0
Exchange with Mumbai	-814	-919	-504
MSEDCL DEMAND MET	15485	15012	11234
Load Shedding	58	69	54
MSEDCL DEMAND	15543	15081	11288
TPCL GENERATION	1176	979	515
R-INFRA GENERATION	525	479	391
TPCL+R-INFRA DEMAND	2515	2377	1410
STATE DEMAND MET	18000	17389	12644
STATE DEMAND	18058	17458	12698
Frequency (Hz)	49.78	49.89	49.94

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.26 Hz at 21.50 Hrs	49.56 Hz at 08.38 Hrs	49.9	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 26/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	0.00	85.80	0	0	0
Unit 7	4.03	103.35	175	155	170
Total	4.03	189.14			170
Bhusawal					
Unit 2	0.00	0.00	0	0	0
Unit 3	0.00	52.48	0	0	0
Unit 4	9.79	239.04	510	355	450
Unit 5	9.64	229.72	500	360	400
Total	19.43	521.24			850
Parli					
Unit 3	0.00	0.00	0	0	0
Unit 4	0.00	0.00	0	0	0
Unit 5	3.43	92.80	152	135	145
Unit 6	4.96	134.73	250	186	200
Unit 7	4.72	132.33	201	187	204
Total	13.11	359.86			549
Chandrapur					
Unit 1	0.00	0.00	0	0	0
Unit 2	3.37	85.82	144	136	140
Unit 3	0.00	0.00	0	0	0
Unit 4	4.14	109.95	196	160	200
Unit 5	9.31	232.48	460	337	400
Unit 6	8.42	224.22	395	320	400
Unit 7	8.45	230.41	406	339	350
Total	33.69	882.88			1490
Paras					
Unit 3	4.86	126.74	232	183	220
Unit 4	3.83	114.17	199	0	220
Total	8.69	240.90			440
Khaparkheda					
Unit 1	3.96	100.28	180	145	180
Unit 2	3.68	98.74	175	135	180
Unit 3	4.87	115.24	215	188	210
Unit 4	4.88	116.28	210	193	210
Unit 5	10.72	223.77	500	400	500
Total	28.11	654.31			1280
Nasik					
Unit 3	4.50	115.02	195	175	200
Unit 4	0.00	77.13	0	0	0
Unit 5	4.45	111.66	193	176	190
Total	8.96	303.81			390
Uran					
All Units	10.55	228.12	465	391	430
Total	10.55	228.12			430
PENCH (MS)					
Pench (MS)	0.09	3.13	27	0	
Total	0.09	3.13			
Koyna					
Stage 1-2	1.52	68.10	190	40	530
Stage 4	0.57	43.69	236	0	250
Stage 3	0.34	23.83	80	0	240
Kovna 12&4 Total	2.10	111.79			780

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Total	2.44	135.62			1020
Hydro					
KDPH	0.00	13.13	0	0	19
VTRNA	0.00	15.83	0	0	0
TILLARI	0.38	9.09	65	0	62
BHTGR/VEER	0.05	0.58	3	2	0
BHIRA T.R.	0.20	5.18	80	0	80
RNGR+BHTSA	0.38	7.93	16	15	15
BHANDARDRA	0.00	5.54	0	0	0
ELDARY	0.32	6.75	14	13	0
SMLHY PTN	0.94	25.93	40	39	9
GHATGHAR	0.66	28.41	125	0	0
Total	2.92	118.38			185
Wind					
MalharPeth	0.17	4.33			
Vankuswadi	0.47	9.28			
ATIT	0.06	0.94			
Kale	0.15	3.27			
Satara	4.18	84.44			
Shirala	0.26	5.13			
K Mahankal	0.02	7.37			
Supa	0.12	2.17			
Vita	1.04	19.68			
Dondaicha	0.97	21.46			
Sakri	0.11	2.44			
Nandurbar	0.49	7.84			
Khandke	0.43	7.50			
Khaparale	0.15	4.69			
Total	8.62	180.53			
CPP					
JSW JAIGAD	19.46	552.59	936	653	841
WARDHA	2.38	68.84	104	87	115
Adani	53.32	1274.78	2340	2000	2373
Other CPPs	24.14	590.37			745
Total	99.30	2486.59			4074
SOLAR					
Total	0.97	25.07			
Total	0.97	25.07			
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	8.67	250.30	480	314	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	5.13	133.85	251	199	250
TATA Hydro	4.36	95.25	446	0	447
Total	18.15	519.30			1197
REL					
1&2	10.19	223.38	525	383	500
Total	10.19	223.38			500
Cent Sect					
Share					5220
Total					5220
MS PG CL	Thermal	116.02	3152.14		5169
	Thml+Gas	126.57	3380.26		5599
	Hydro	5.37	253.99		1205
	Total	131.93	3634.25		6804
State Total		269.25	7072.24		17795

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 26/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	4514	120	440	5074	185	4025	0	3137	2774	-601	-636	11422	85	11507	1541	13048	50.02
2	4451	120	440	5011	235	3803	0	3125	2689	-499	-504	11234	54	11288	1410	12698	49.94
3	4449	120	440	5009	243	3844	0	2945	2799	-448	-438	11457	54	11511	1343	12854	49.97
4	4545	115	440	5100	257	3876	0	2915	2778	-432	-408	11603	54	11657	1310	12967	49.98
5	4630	120	439	5189	290	3892	0	3106	2907	-430	-416	11862	57	11919	1318	13237	50.00
6	4629	120	439	5188	309	3929	0	3999	3707	-488	-519	12614	62	12676	1423	14099	50.01
7	4662	111	441	5214	336	3938	0	4417	4469	-508	-545	13412	79	13491	1523	15014	49.88
8	5023	246	441	5710	349	4267	9	4626	4891	-519	-416	14821	79	14900	1713	16613	49.81
9	5066	286	442	5794	294	4466	38	4818	4994	-613	-494	15109	73	15182	2016	17198	49.78
10	5001	634	439	6074	263	4481	87	4938	4672	-736	-684	14913	62	14975	2337	17312	49.79
11	5063	738	430	6231	317	4500	108	4990	5133	-846	-814	15485	58	15543	2515	18058	49.78
12	5160	558	427	6145	368	4478	136	5043	5059	-866	-844	15342	60	15402	2530	17932	49.79
13	5282	199	427	5908	266	4423	136	4957	5060	-859	-896	14897	123	15020	2526	17546	49.88
14	5210	121	391	5722	202	4348	119	4999	5540	-821	-919	15012	69	15081	2377	17458	49.89
15	5312	136	402	5850	198	4230	124	4981	4845	-740	-1167	14080	68	14148	2361	16509	49.76
16	5181	263	402	5846	210	4239	167	5000	4739	-723	-1064	14137	64	14201	2360	16561	49.76
17	5030	255	444	5729	258	4364	41	4889	5433	-710	-1201	14624	65	14689	2366	17055	49.79
18	4749	110	455	5314	273	4177	7	4331	4340	-692	-1275	12836	66	12902	2372	15274	49.86
19	4667	190	461	5318	354	4281	0	4555	5012	-683	-1188	13777	66	13843	2442	16285	49.91
20	4671	188	461	5320	461	4265	0	4586	4283	-591	-1192	13137	61	13198	2425	15623	49.91
21	4670	175	460	5305	633	4030	0	4029	4094	-617	-1201	12861	60	12921	2214	15135	49.92
22	4664	211	460	5335	679	3923	0	3277	2755	-764	-1097	11622	59	11681	2038	13719	50.02
23	4677	110	465	5252	806	3812	0	2614	2014	-803	-940	10946	59	11005	1843	12848	50.01
24	4711	121	464	5296	832	3708	0	2603	1957	-760	-790	11003	59	11062	1687	12749	50.12
MUs	116.0 2	5.37	10.55	131.93	8.62	99.30	0.97	98.88	96.94	-15.75	-19.65	318.21	1.60	319.80	47.99	367.79	49.90

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/Dec/2014

Position as on 6.30 Hrs of 27/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)	
Hydro GhatgharU2	125	23/12/2014	08.30		Continued.	Annual Overhaul	
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	
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	27/12/2014	22.50	Gas Shortage	
CPP Adani U1	660	08/12/2014	14.45		Continued.	Uproting of turbine steam chest drain line	
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.	
CPP JSW (J) U2	300	19/12/2014	16.55		Continued.	No Schedule	
Paras Unit 4	250	24/12/2014	01.27	26/12/2014	02.52	Y Ph PT Burst At Paras.	
Nasik Unit 4	210	25/12/2014	03.12	27/12/2014	12.55	ID Fan Problem	
Koradi Unit 6	210	25/12/2014	05.25	27/12/2014	11.30	Boiler Tube Leakage	

State Load Dispatch Center,Airoli (MSETCL)
Details of Generating Unit Outages/Trippings for 26/Dec/2014

Position as on 6.30 Hrs of 27/Dec/2014

Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
CPP WPCL U-3	135	25/12/2014	14.02		Continued.	ID Fan Problem.	
Chandrapur Unit 2	210	27/12/2014	12.45	27/12/2014	22.05	Diff.Protection	
Chandrapur Unit 7	500	27/12/2014	21.44		Continued.	Boiler Tube Leakage	

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 26/Dec/2014

Position as on 6.30 Hrs of 27/Dec/2014

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
InterState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
Talegaon PG- Aurangabad - I	27/12/2014	17.30	27/12/2014	20.34	Hot Spot
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-Solapur (PG) II	25/12/2014	16.45	26/12/2014	06.55	Over Voltage.
Kolhapur - Mapusa - I	25/12/2014	17.30	26/12/2014	07.14	Over Voltage.
Dhule-Sar'Sarovar - I	25/12/2014	21.32	26/12/2014	07.04	Over Voltage.
Kolhapur - Mapusa - I	26/12/2014	16.37	27/12/2014	08.06	Over Voltage.
Dhule-Sar'Sarovar - I	26/12/2014	18.20	27/12/2014	06.47	Over Voltage.
Kolhapur-Solapur (PG) II	26/12/2014	21.52	27/12/2014	08.02	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 500 MVA ICT - I @ Warora	23/11/2014	08.10		Continued.	Leakage in Nitrogen Cylinder of B Ph CTR System.
Padgha - Nagothane- II	23/12/2014	11.42	27/12/2014	16.58	Shifted from A Bus To B Bus.
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.
Bus Section I @ Temghar.	26/12/2014	08.10	26/12/2014	12.24	Hot spot attending work.
Temghar-Colourchem	26/12/2014	08.10	26/12/2014	12.24	Bus section I outage at Temghar.
Padgha-Kamba	26/12/2014	09.53	26/12/2014	17.04	Bay Maint.work.
220/100 KV 200 MVA ICT II at Trombay	26/12/2014	11.08	26/12/2014	17.30	For Repl.of Diff.relay.
Aurangabad-Jalna-II	26/12/2014	11.54	26/12/2014	15.07	Diagnostic testing of CT & CB.
Abhijeet-Wardha-I	27/12/2014	07.41	27/12/2014	17.10	Stringing work
Abhijeet - Wardha ckt - II	27/12/2014	07.41	27/12/2014	17.10	Stringing work
Versova-Gorai	27/12/2014	07.53	27/12/2014	11.55	Hot Spot
Bhusawal-Chalisgaon-I	27/12/2014	18.04	27/12/2014	21.28	Repairing of Y Phase Conductor
Voltage Level : 500KV			Outage Type FORCED OUTAGE		
HVDC POLE - I	26/12/2014	02.35	26/12/2014	13.15	Emergency Outage.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Karad - Kolhapur - I	24/12/2014	16.31		Continued.	Over Voltage,line already out.(4 days outage)
Bhusawal- Aurangabad	25/12/2014	17.38	27/12/2014	06.19	Over Voltage.
Lonikand- Koyna Stage IV	25/12/2014	21.02	26/12/2014	06.53	Over Voltage.
Karad-Jaigad I	25/12/2014	22.18	26/12/2014	07.42	Over Voltage.
Karad-Jaigad I	26/12/2014	17.21	27/12/2014	07.57	Over Voltage.
Lonikand- Koyna Stage IV	26/12/2014	20.20	27/12/2014	07.08	Over Voltage.
Bhusawal- Aurangabad	27/12/2014	18.12		Continued.	Over Voltage
Voltage Level : 220KV			Outage Type HAND TRIPPED		

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 26/Dec/2014

Position as on 6.30 Hrs of 27/Dec/2014

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
220/100KV 100MVA ICT-I at Vasai	24/12/2014	23.40		Continued.	Differential Relay Faulty
220/100KV 200MVA ICT-III at Trombay	27/12/2014	09.07	27/12/2014	18.34	Maint.Work
Voltage Level : 400KV			Outage Type TRIPPED		
765KV Koradi-III -- Tiroda - II	24/12/2014	15.38		Continued.	Distance Protection
Deepnagar-Tapitatanda	25/12/2014	22.28	26/12/2014	06.26	Over Voltage.
Aurangabad - Taptithanda	26/12/2014	21.49	26/12/2014	22.35	Over Voltage,at Taptitanda end.
Deepnagar-Tapitatanda	26/12/2014	21.49	27/12/2014	06.17	Over Voltage,at Taptitanda end.
Akola-II - Taptithanda	26/12/2014	21.49	26/12/2014	22.27	Over Voltage,at Taptitanda end.
Karad - Kolhapur - II	27/12/2014	03.39	27/12/2014	07.30	Over Voltage.
Voltage Level : 220KV			Outage Type TRIPPED		
220/110KV 200MVA ICT-III at Borivali	21/09/2014	09.16		Continued.	monkey fault
Pedambe - Mahad	26/12/2014	12.56	26/12/2014	14.09	Dist.Prot.
Voltage Level : 132KV			Outage Type TRIPPED		
Paras-Patur	26/12/2014	03.23	26/12/2014	03.42	Dist.Prot.
Ghatodi-Digras I	26/12/2014	08.27	26/12/2014	15.17	Dist.Prot.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 27/Dec/2014

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 5	200	0
Unit 6	210	0
Unit 7	210	170
	620	170
Bhusawal		
Unit 2	210	0
Unit 3	210	0
Unit 4	500	360
Unit 5	500	370
	1420	730
Parli		
Unit 3	210	0
Unit 4	210	0
Unit 5	210	144
Unit 6	250	200
Unit 7	250	200
	1130	544
Chandrapur		
Unit 1	210	0
Unit 2	210	140
Unit 3	210	0
Unit 4	210	160
Unit 5	500	380
Unit 6	500	375
Unit 7	500	350
	2340	1405
Paras		
Unit 3	250	220
Unit 4	250	220
	500	440
Khaparkheda		
Unit 1	210	162
Unit 2	210	162
Unit 3	210	189
Unit 4	210	189
Unit 5	500	477
	1340	1179
Nasik		
Unit 3	210	200
Unit 4	210	0
Unit 5	210	190
	630	390
Uran		
All Units	852	430
	852	430
PENCH (MS)		
Pench (MS)	53	
	53	
Koyna		
Stage 1-2	600	530
Stage 4	1000	250
Stage 3	320	240
	1920	1020
Hydro		
KDPH	40	19
VTRNA	60	0

Generating unit	Derated Capacity (MW)	OLC (MW)
TILLARI	60	62
BHTGR/VEER	21	0
BHIRA T.R.	80	80
RNGR+BHTSA	20	15
BHANDARDRA	45	0
ELDARY	23	0
SMLHY PTN	12	0
GHATGHAR	250	0
	611	176
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	855
WARDHA	405	105
Adani	2640	2373
Other CPPs	300	745
	4545	4078
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	500
	500	500
Cent Sect		
Share	3455	5465
	3455	5465

	21940	17724
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