



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

State Load Dispatch Center, Airoli

Daily system Report

for

25/Dec/2013

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 25/Dec/2013 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	116.072	2736.110	1) Gujrat	13.375	317.286
2) Hydro	16.536	434.589	2) Madhya Pradesh	17.144	451.711
3) Gas	6.910	156.822	3) Chattisgarh	9.550	250.200
Total MSGENCO	139.518	3327.521	4) Maharashtra	57.238	1860.544
B) 1) JSW JAIGAD	18.833	455.325	5) Goa	-5.404	-136.677
2) WPCL	5.661	183.262	6) TAPS 1&2 Injection	3.858	96.151
3) ADANI	41.700	747.880	7) RGPPL Injection	6.610	124.429
4) Other CPP / IPP	14.050	230.790	8) Pench (Excess)	-0.537	-11.036
5) Wind Generation	2.973	103.600	# Total Cent. Sector	101.834	2952.608
6) PENCH (MS)	0.537	11.036	F) Other Exchanges		
7) SOLAR	0.754	20.809	1) With TPCL (Excess)	-15.046	-396.153
C) 1) TPCL Thermal	17.090	456.398	G) Bilateral Power *		
2) TPCL Hydro	1.372	104.083	1) MSEDCL Bilateral	14.292	634.191
TOTAL TPCL	18.462	560.481	Include PX	-2.191	-5.078
3) REL Thermal	11.294	283.988	2) MUMBAI Bilateral	12.811	379.040
			Include PX	0.348	42.468
D) STATE			3) MUMBAI Schedule	12.811	381.838
1) Thermal (A1+C1+C3)	144.456	3476.496	H) ENERGY CATERED (MUs)		
2) Hydro (A2+B6+C2)	18.445	549.708	1) MSEDCL	310.814	7636.678
3) Gas (A3)	6.910	156.822	2) TPCL	29.170	807.694
4) Wind (B5)	2.973	103.600	3) REL	15.632	432.893
5) CPP/IPP (B1+B2+B3+B4)	80.244	911.077	TOTAL STATE	355.616	8877.265
6) SOLAR (B7)	0.754	20.809			
TOTAL STATE	253.782	5218.512			

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 12 Hrs	B. Evening Peak at 17 Hrs	C. Night Minimum at 2 Hrs
MSGENCO Thermal	4851	4796	4876
MSGENCO Hydro	1766	1434	169
MSGENCO Gas	285	289	211
MSGENCO Total Generation	6902	6519	5256
Central Sector Receipt	4889	4243	3757
WIND	121	87	235
CPP / IPP	3439	3518	2890
SOLAR	126	32	0
Exchange with Mumbai	-714	-664	-450
MSEDCL DEMAND MET	14815	13785	11688
Load Shedding	909	616	9
MSEDCL DEMAND	15724	14401	11697
TPCL GENERATION	981	893	597
R-INFRA GENERATION	526	526	398
TPCL+R-INFRA DEMAND	2221	2083	1445
STATE DEMAND MET	17036	15868	13133
STATE DEMAND	17945	16484	13142
Frequency (Hz)	49.80	49.95	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.33 Hz at 15.57 Hrs	49.44 Hz at 09.11 Hrs	49.93	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 25/Dec/2013

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 5	0.00	45.77	0	0	0
Unit 6	1.67	71.99	155	0	150
Unit 7	1.30	89.52	170	0	150
Total	2.98	207.28			300
Bhusawal					
Unit 2	3.46	79.10	160	130	150
Unit 3	3.64	79.78	160	140	150
Unit 4	8.45	101.35	380	315	355
Unit 5	6.52	102.81	310	245	
Total	22.08	363.04			655
Parli					
Unit 3	0.00	0.00	0	0	0
Unit 4	3.54	97.02	155	135	155
Unit 5	3.65	82.73	160	143	160
Unit 6	4.01	108.07	181	157	180
Unit 7	3.86	104.09	167	154	160
Total	15.06	391.91			655
Chandrapur					
Unit 1	3.02	79.76	133	120	135
Unit 2	0.00	54.86	0	0	0
Unit 3	3.92	86.73	178	146	150
Unit 4	4.62	99.40	203	175	190
Unit 5	0.00	0.00	0	0	0
Unit 6	9.54	210.88	420	365	400
Unit 7	8.87	225.02	415	310	390
Total	29.97	756.65			1265
Paras					
Unit 3	5.19	105.27	236	187	230
Unit 4	5.05	128.46	230	187	230
Total	10.24	233.73			460
Khaparkheda					
Unit 1	2.98	56.90	160	95	150
Unit 2	2.80	48.44	150	85	150
Unit 3	4.00	68.07	176	128	160
Unit 4	4.01	96.10	186	146	160
Unit 5	9.45	218.12	430	354	160
Total	23.22	487.64			780
Nasik					
Unit 3	4.16	93.33	190	150	190
Unit 4	4.15	106.29	187	167	190
Unit 5	4.22	96.24	190	166	190
Total	12.54	295.86			570
Uran					
All Units	6.91	156.82	310	209	130
Total	6.91	156.82			130
PENCH (MS)					
Pench (MS)	0.54	11.04	53	0	
Total	0.54	11.04			
Koyna					
Stage 1-2	3.83	104.29	475	40	600
Stage 4	5.21	160.64	792	0	250
Stage 3	1.89	56.44	240	0	240
Kovna 12&4 Total	9.04	264.93			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Total	10.93	321.37			1090
Hydro					
KDPH	0.45	10.78	19	18	18
VTRNA	0.00	0.00	0	0	
TILLARI	0.00	0.00	0	0	
BHTGR/VEER	0.05	1.62	2	2	2
BHIRA T.R.	0.21	5.99	41	0	40
RNGR+BHTSA	0.38	9.50	16	16	
BHANDARDRA	0.84	10.02	35	35	35
ELDARY	0.35	1.35	15	14	
SMLHY PTN	1.07	25.93	52	42	26
GHATGHAR	2.25	48.03	250	0	
Total	5.60	113.22			121
Wind					
MalharPeth	0.25	6.41			
Vankuswadi	0.32	12.78			
ATIT	0.09	4.90			
Kale	0.08	4.62			
Satara	0.31	36.83			
Shirala	0.16	4.63			
K Mahankal	0.24	2.07			
Supa	0.05	1.44	5	0	
Vita	0.33	10.54			
Dondaicha	0.71	11.00	90	0	
Sakri	0.03	1.21	6	0	
Nandurbar	0.06	0.83	16	0	
Khandke	0.26	3.46	26	0	
Khaparale	0.09	2.90	12	0	
Total	2.97	103.60			
CPP					
JSW JAIGAD	18.83	455.32	900	702	801
WARDHA	5.66	183.26	270	203	238
Adani	41.70	747.88	1840	1410	1851
Other CPPs	14.05	230.71			245
Total	80.24	1617.18			3135
SOLAR					
Total	0.75	20.81			
Total	0.75	20.81			
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	9.65	259.39	503	316	500
Trombay 6	0.00	0.00	0	0	0
Trombay 7A	1.19	33.06	50	49	120
Trombay 7B	0.98	26.68	42	40	60
Trombay 8	5.26	137.27	253	184	250
TATA Hydro	1.37	104.08	220	0	447
Total	18.46	560.48			1377
REL					
1&2	11.29	283.99	527	397	500
Total	11.29	283.99			500
Cent Sect					
Share					4693
Total					4693
MS PG CL	Thermal	116.07	2736.11		4685
	Thml+Gas	122.98	2892.93		4815
	Hydro	16.54	434.59		1211
	Total	139.52	3327.52		6026
State Total	253.78	5218.51			15731

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 25/Dec/2013

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	4883	167	209	5259	305	2890	0	3578	4047	-568	-584	11917	59	11976	1574	13550	50.05
2	4876	169	211	5256	235	2890	0	3463	3757	-438	-450	11688	9	11697	1445	13142	50.01
3	4905	168	307	5380	184	2854	0	3222	3781	-377	-384	11815	9	11824	1376	13200	50.02
4	4908	184	310	5402	231	2893	0	3217	3656	-348	-345	11837	9	11846	1338	13184	50.11
5	4903	173	300	5376	300	3051	0	3760	3739	-333	-340	12126	9	12135	1335	13470	49.97
6	5042	169	301	5512	292	3290	0	4113	4121	-380	-417	12798	86	12884	1411	14295	49.97
7	5089	178	304	5571	361	3393	0	4350	4383	-361	-486	13222	405	13627	1480	15107	49.89
8	5033	184	303	5520	273	3469	4	4378	4754	-326	-589	13444	1072	14516	1581	16097	49.81
9	5013	502	299	5814	264	3428	46	4379	4915	-333	-410	14090	989	15079	1756	16835	49.67
10	4831	1450	296	6577	250	3397	79	4465	4748	-414	-453	14651	779	15430	2015	17445	49.71
11	4830	1595	288	6713	207	3498	108	4597	4515	-654	-642	14452	808	15260	2181	17441	49.68
12	4851	1766	285	6902	121	3439	126	4616	4889	-673	-714	14815	909	15724	2221	17945	49.80
13	4796	1829	285	6910	73	3386	129	4616	4608	-648	-708	14450	1057	15507	2215	17722	49.94
14	4825	1635	284	6744	31	3409	90	4554	4623	-607	-657	14292	942	15234	2091	17325	49.89
15	4866	1519	285	6670	22	3551	74	4385	4622	-607	-658	14333	718	15051	2087	17138	50.01
16	4862	1696	289	6847	19	3517	64	4265	4528	-605	-634	14393	622	15015	2066	17081	49.97
17	4796	1434	289	6519	87	3518	32	4310	4243	-630	-664	13785	616	14401	2083	16484	49.95
18	4737	568	286	5591	114	3501	2	4248	3787	-603	-710	12328	688	13016	2120	15136	49.82
19	4689	188	288	5165	118	3571	0	4465	4325	-745	-811	12394	478	12872	2255	15127	49.90
20	4657	220	294	5171	120	3534	0	4466	4329	-692	-848	12312	424	12736	2265	15001	49.91
21	4597	216	297	5110	139	3461	0	4028	4385	-627	-987	12108	242	12350	2214	14564	50.00
22	4692	174	297	5163	129	3403	0	3618	3870	-555	-929	11636	130	11766	2067	13833	50.01
23	4728	173	300	5201	125	3411	0	3595	3579	-669	-907	11409	65	11474	1905	13379	49.99
24	4673	179	303	5155	166	3486	0	3648	3630	-620	-719	11718	65	11783	1721	13504	50.12
MUs	116.08	16.54	6.91	139.53	4.17	80.24	0.75	98.34	101.83	-12.81	-15.05	312.01	11.19	323.20	44.80	368.00	49.93

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 25/Dec/2013

Position as on 6.30 Hrs of 26/Dec/2013

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	
Chandrapur Unit 5	500	14/07/2013	00.01		Continued.	Condenser replacement work.	
Cent_Sect Tarapur 2	160	24/11/2013	20.42		Continued.	Maint.work.	
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	
Tata Trombay 6	500	19/07/2013	23.54		Continued.	Economic shut down.	
Dabhol 2B	230	08/08/2013	15.03		Continued.	Gas Shortage	
CPP VIPL	300	02/10/2013	00.45		Continued.	Turbine bearing vibration high.	
CPP JSW (J) U2	300	21/10/2013	00.00		Continued.	Lack of Shedule.	
CPP WPCL U-3	135	10/11/2013	6.10		Continued.	I D Fan Problem	
Uran Unit 5	108	25/11/2013	21.33		Continued.	Gas Shortage.	
Uran Unit A0	120	04/12/2013	13.26		Continued.	GAS RESTRICTION	
Koradi Unit 5	200	19/12/2013	01.29		Continued.	I D Fan Problem.	
Uran Unit 7	108	19/12/2013	12.21		Continued.	Gas Shortage.	
CPP WPCL U-4	135	22/12/2013	00:07		Continued.	Generation Water Cooler Leakage.	
Chandrapur Unit 2	210	22/12/2013	08.42	26/12/2013	00.28	Furnace Pressure High.	
Koradi Unit 6	210	25/12/2013	08.45	25/12/2013	20.27	Station Board Fire.	
Koradi Unit 7	210	25/12/2013	08.45	26/12/2013	06.00	Station Board Fire.	

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 25/Dec/2013

Position as on 6.30 Hrs of 26/Dec/2013

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
InterState					
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
Borivali -Tarapur	07/12/2013	10.15		Continued.	MUMBAI STRENGTHENING WORK
Voltage Level : 400KV			Outage Type HAND TRIPPED		
A'bad-Talegaon PG-1	07/12/2013	10.12		Continued.	line readyfor charging
765 KV Seoni-Wardha-II	10/12/2013	1:24		Continued.	H/T TO CONTROL O/V
Kolhapur-Solapur(PGCIL)-I	17/12/2013	16.15		Continued.	Over Voltage.
Kolhapur - Mapusa - I	24/12/2013	16.08	25/12/2013	08.52	Over Voltage.
Solapur - Solapur (PG)	24/12/2013	21.40	25/12/2013	06.17	Over Voltage.
Dhule-Sar'Sarovar - II	24/12/2013	22.05	25/12/2013	06.34	Over Voltage.
Kolhapur - Mapusa - II	25/12/2013	16.14		Continued.	Over Voltage.
Lamboti - Solapur (PGCIL)	25/12/2013	20.00	26/12/2013	06.13	Over Voltage.
Dhule-Sar'Sarovar - I	25/12/2013	23.46		Continued.	Over Voltage.
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Wardha - Deoli (PGCIL)	05/12/2013	19.30		Continued.	To control L/L due to 220KV Wardha-Warora Outage.
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
400/132 KV 200 MVA ICT - II @ Khadka	11/11/2013	09.07		Continued.	Replacement of Old 200 MVA ICT Under LES Upto 04/01/2014.
400/220KV 315 MVA ICT-I @ Padgha	26/11/2013	10.25		Continued.	Taken on TBC LV Side.(15 Days)
Dabhol - Nagothane - I	12/12/2013	10.48		Continued.	Testing Work.RFC 19.10 Hrs.of 16.12.2013
400/220 KV 315 MVA ICT-III @ Padgha	19/12/2013	10.22		Continued.	Taken on TBC,servicing and overhauling of 400KV A bus PG isolator of R.Y.B-Ph.
Padgha - Nagothane- II	25/12/2013	11.26	25/12/2013	19.48	E/W Repl.Work.
Sinnar-BBLSR II	25/12/2013	13.56	25/12/2013	13.57	Charged first time from Sinnar end upto line isolator at BBLSR.
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
Chalisgaon-Khadka II	07/10/2013	11.37		Continued.	Modification of existing Khadka-Chalisgaon line.
Pusad-Nanded	05/12/2013	06.03		Continued.	220KV Ghatodi S/S LILO Work.
Ghodbandar - Bhoisor (MSETCL)	07/12/2013	10.38		Continued.	MUMBAI STRENGTENING WORK
220/132 KV 150 MVA T/F-I @ Boiser	10/12/2013	13.04		Continued.	Vaccum and drying process due to moisture in WDG.of ICT.
Trombay-Dharavi	16/12/2013	09.34		Continued.	Erection of Cable ceiling end and Tugh Bus removal at Trombay
Ahmadnagar-Bose II	16/12/2013	16.13		Continued.	To attend discrepancies during joint inspection
TBC , Bus- 2 P T @ Uran	23/12/2013	10.08		Continued.	Replacement of TBC,Isolator & Bus-2 P.T.
Ranjangaon- Fiat-I	25/12/2013	06.50	25/12/2013	13.18	A.M.Work by M/S Fiat.
Ranjangaon - Fiat - II	25/12/2013	06.50	25/12/2013	13.18	A.M.Work by M/S Fiat.
Nerul -Sonkhar	25/12/2013	09.10		Continued.	Height raising of tower at Uran-JNPT road due to const.of Fly Over Bridge.
Tifil-Trombay	25/12/2013	09.25		Continued.	Height raising of tower at Uran-JNPT road due to const.of Fly Over Bridge.

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 25/Dec/2013

Position as on 6.30 Hrs of 26/Dec/2013

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
220/100KV 200 MVA ICT-II @ Kolshet	25/12/2013	09.32	25/12/2013	13.07	Hot Spot and tan delta work.
Vita - Lamboti	25/12/2013	09.52	25/12/2013	18.16	Cold washing of insulator.
Lonand - Baramati	25/12/2013	10.05	25/12/2013	15.15	B-Ph LA Repl.Work.
Mudshingi - Chikodi	25/12/2013	11.53		Continued.	Repl of CT's at Mudsingi end.
Borivali- Aarey	25/12/2013	12.36	25/12/2013	18.16	A.M.Work.
Nerul-Tifil	25/12/2013	16.27	25/12/2013	16.28	Newly configured of 220KV Nerul Sonkhar line.
Trombay-Sonkhar II	25/12/2013	19.16	25/12/2013	19.17	Newly configured of 220KV Trombay-Tifil Line.
Voltage Level : 220KV			Outage Type FORCED OUTAGE		
Talangade - Mudshingi - I	25/12/2013	14.06	25/12/2013	15.30	Hot Spot.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
400/220 KV 100 MVA Spare Unit @ Koradi	12/07/2012	07.11		Continued.	Main Buchholz prot.operated
Bhusawal - Deepnagar - II	03/12/2013	12.08		Continued.	Over Voltage.
Deepnagar-Waluj I	03/12/2013	12:08		Continued.	Over Voltage.
Karad - Kolhapur - II	08/12/2013	16.36		Continued.	OVER VOLTAGE
Bhusawal- Aurangabad	22/12/2013	18.03	25/12/2013	11.11	Over Voltage.
Karad-Jaigad I	24/12/2013	17.02	25/12/2013	09.02	Over Voltage.
Lonikand- Koyna Stage IV	24/12/2013	22.08	25/12/2013	08.43	Over Voltage.
Sinnar-BBLSR II	25/12/2013	14.31		Continued.	H/T.
Bhusawal- Aurangabad	25/12/2013	17.03		Continued.	Over Voltage.
Karad-Jaigad I	25/12/2013	17.04		Continued.	Over Voltage.
Lonikand- Koyna Stage IV	25/12/2013	22.17		Continued.	Over Voltage.
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Chikhali - Jalna - I	17/11/2013	18.00		Continued.	To control 220KV Paras-Chikhali Ckt Loading.
Chikhali - Jalna - II	17/11/2013	18.00		Continued.	To control 220KV Paras-Chikhali Ckt Loading.
Aurangabad - Babaleshwar	22/12/2013	08.51		Continued.	To Control loading of Aurangabad ICT.
220/6.6 KV 40 MVA Station T/F - III @ Koradi	25/12/2013	09.00	25/12/2013	09.53	Due to Aux supply Stn.Board caught fire.
220/6.6kv ,40 MVA Stn. T/F NO.IV @ KORADI	25/12/2013	09.00	25/12/2013	09.53	Due to Aux supply Stn.Board caught fire.
Voltage Level : 220KV			Outage Type TRIPPED		
Talandge - Sawantwadi - II.	29/10/2013	17.30		Continued.	Dist Prot.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 26/Dec/2013

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 5	200	0
Unit 6	210	140
Unit 7	210	100
	620	240
Bhusawal		
Unit 2	210	134
Unit 3	210	134
Unit 4	500	330
Unit 5	500	
	1420	598
Parli		
Unit 3	210	0
Unit 4	210	150
Unit 5	210	150
Unit 6	250	165
Unit 7	250	105
	1130	570
Chandrapur		
Unit 1	210	140
Unit 2	210	120
Unit 3	210	190
Unit 4	210	190
Unit 5	500	0
Unit 6	500	400
Unit 7	500	330
	2340	1370
Paras		
Unit 3	250	250
Unit 4	250	230
	500	480
Khaparkheda		
Unit 1	210	180
Unit 2	210	160
Unit 3	210	190
Unit 4	210	200
Unit 5	500	450
	1340	1180
Nasik		
Unit 3	210	190
Unit 4	210	190
Unit 5	210	190
	630	570
Uran		
All Units	852	290
	852	290
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	18
VTRNA	60	0

Generating unit	Derated Capacity (MW)	OLC (MW)
TILLARI	60	0
BHTGR/VEER	21	3
BHIRA T.R.	80	40
RNGR+BHTSA	20	16
BHANDARDRA	45	30
ELDARY	23	0
SMLHY PTN	12	29
GHATGHAR	250	0
	611	136
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	822
WARDHA	405	238
Adani	1980	1851
Other CPPs	300	245
	3885	3156
SOLAR		
Total	0	
	0	
Tata		
Trombay 4	150	0
Trombay 5	500	500
Trombay 6	500	0
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	4699
	3455	4699