



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

State Load Dispatch Center, Airoli

Daily system Report

for

14/Jan/2013

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 14/Jan/2013 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	110.489	1665.357	1) Gujrat	12.981	122.621
2) Hydro	12.200	134.146	2) Madhya Pradesh	15.707	197.766
3) Gas	10.578	150.037	3) Chattisgarh	9.210	133.040
Total MSGENCO	133.267	1949.540	4) Maharashtra	64.377	867.582
B) 1) JSW JAIGAD	26.485	371.054	5) Goa	-4.981	-76.003
2) WPCL	8.879	124.188	6) TAPS 1&2 Injection	3.671	39.086
3) ADANI	10.380	125.690	7) RGPPL Injection	5.740	96.617
4) Other CPP / IPP	9.613	138.244	8) Pench (Excess)	-0.227	-3.197
5) Wind Generation	2.002	41.490	# Total Cent. Sector	106.478	1377.512
6) PENCH (MS)	0.227	3.197	F) Other Exchanges		
C) TPCL & REL			1) With TPCL (Excess)	-7.900	-113.781
1) TPCL Thermal	21.699	281.242	G) Bilateral Power *		
2) TPCL Hydro	5.065	63.567	1) MSEDCL Bilateral	41.408	541.948
TOTAL TPCL	26.764	344.809	Include PX	0.000	-1.428
3) REL Thermal	12.549	170.416	2) MUMBAI Bilateral	9.526	121.836
D) STATE			Include PX	-2.328	-38.174
1) Thermal (A1+C1+C3)	144.737	2117.015	3) MUMBAI Schedule	9.526	121.836
2) Hydro (A2+B5+C2)	17.492	200.910	H) ENERGY CATERED (MUs)		
3) Gas (A3)	10.578	150.037	1) MSEDCL	289.431	4017.134
4) Wind (B4)	2.002	41.490	2) TPCL	31.619	419.862
5) CPP (B1+B2+B3)	55.357	643.866	3) REL	15.592	209.301
TOTAL STATE	230.166	3153.318	TOTAL STATE	336.642	4646.297

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 11 Hrs	B. Evening Peak at 17 Hrs	C. Night Minimum at 3 Hrs
MSGENCO Thermal	4636	4612	4187
MSGENCO Hydro	1607	678	133
MSGENCO Gas	472	468	433
MSGENCO Total Generation	6715	5758	4753
Central Sector Receipt	4906	4632	3942
WIND	31	100	81
CPP / IPP	2571	2416	2144
Exchange with Mumbai	-333	-340	-171
MSEDCL DEMAND MET	13930	12566	10749
Load Shedding	566	531	30
MSEDCL DEMAND	14496	13097	10779
TPCL GENERATION	1570	1491	624
R-INFRA GENERATION	530	528	476
TPCL+R-INFRA DEMAND	2433	2359	1271
STATE DEMAND MET	16363	14925	12020
STATE DEMAND	16929	15456	12050
Frequency (Hz)	50.03	50.11	50.14

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.52 Hz at 16:03 Hrs	49.6 Hz at 00:48 Hrs	50.07	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 14/Jan/2013

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	3.03	28.68	143	118	160
Unit 7	3.42	41.48	167	110	130
Total	6.45	70.16			290
Bhusawal					
Unit 2	3.76	28.48	175	135	180
Unit 3	3.94	54.74	175	150	180
Unit 4	0.00	92.55	0	0	0
Unit 5	3.85	10.84	230	0	0
Total	11.55	186.62			360
Parli					
Unit 3	3.34	39.63	152	126	150
Unit 4	0.00	0.00	0	0	0
Unit 5	3.35	54.64	154	135	135
Unit 6	5.58	78.90	254	203	245
Unit 7	0.00	0.00	0	0	0
Total	12.28	173.18			530
Chandrapur					
Unit 1	3.68	51.67	158	148	160
Unit 2	0.29	30.92	81	0	0
Unit 3	4.60	65.14	206	154	190
Unit 4	4.72	65.48	200	190	200
Unit 5	9.61	137.03	425	365	425
Unit 6	0.00	113.98	0	0	0
Unit 7	10.50	116.94	460	390	450
Total	33.40	581.17			1425
Paras					
Unit 3	5.17	64.96	226	183	220
Unit 4	5.30	75.33	232	201	230
Total	10.47	140.29			450
Khaparkheda					
Unit 1	3.86	57.09	180	140	185
Unit 2	4.11	56.97	190	150	185
Unit 3	4.35	53.79	200	165	185
Unit 4	4.09	59.57	181	161	185
Unit 5	7.32	117.57	439	0	350
Total	23.72	344.99			1090
Nasik					
Unit 3	4.17	61.39	190	160	172
Unit 4	4.12	58.58	177	168	172
Unit 5	4.34	49.00	192	170	172
Total	12.62	168.96			516
Uran					
All Units	10.58	150.04	493	358	480
Total	10.58	150.04			480
PENCH (MS)					
Pench (MS)	0.23	3.20	47	0	0
Total	0.23	3.20			0
Koyna					
Stage 1-2	3.30	39.90	340	40	530
Stage 4	3.02	28.50	812	0	250
Stage 3	1.68	15.01	236	0	240
Kovna 12&4 Total	6.31	68.39			780

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Total	8.00	83.40			1020
Hydro					
KDPH	0.46	4.70	20	19	36
VTRNA	0.00	0.98	0	0	0
TILLARI	0.00	1.80	0	0	0
BHTGR/VEER	0.08	1.11	4	3	3
BHIRA T.R.	0.26	4.07	80	0	80
RNGR+BHTSA	0.37	5.08	16	15	13
BHANDARDRA	0.00	0.00	0	0	0
ELDARY	0.00	0.06	0	0	0
SMLHY PTN	0.74	12.38	38	28	10
GHATGHAR	2.29	20.56	240	0	0
Total	4.20	50.75			142
Wind					
MalharPeth	0.14	2.91			
Vankuswadi	0.24	3.71			
ATIT	0.02	0.72			
Kale	0.06	1.28			
Satara	0.37	5.59			
Shirala	0.05	1.49			
K Mahankal	0.01	1.68			
Supa	0.03	0.73			
Vita	0.17	4.66			
Dondaicha	0.60	11.87			
Sakri	0.10	1.56			
Nandurbar	0.04	1.03			
Khandke	0.06	2.20			
Khaparale	0.12	2.07			
Total	2.00	41.49			
CPP					
JSW JAIGAD	26.48	371.05	1200	1007	1100
WARDHA	8.88	124.19	373	366	370
Adani	10.38	125.69	580	350	
Other CPPs	9.61	138.24			
Total	55.36	759.18			1470
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	10.65	142.37	501	281	500
Trombay 6	6.54	75.42	423	155	500
Trombay 7A	2.89	40.77	130	114	120
Trombay 7B	1.62	22.68	70	64	60
Trombay 8	0.00	0.00	0	0	0
TATA Hydro	5.06	63.57	454	0	447
Total	26.76	344.81			1627
REL					
1&2	12.55	170.42	530	439	500
Total	12.55	170.42			500
Cent Sect					
Share					4402
Total					4402

MS PG CL	Thermal	110.49	1665.36			4661
	Thml+Gas	121.07	1815.39			5141
	Hydro	12.20	134.15			1162
	Total	133.27	1949.54			6303
State Total		230.17	3153.32			14302

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 14/Jan/2013

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	4303	123	434	4860	63	2163	4010	4108	-290	-298	10896	11	10907	1449	12356	50.02
2	4159	333	432	4924	78	2141	3947	4009	-214	-265	10887	32	10919	1329	12248	50.13
3	4187	133	433	4753	81	2144	3919	3942	-183	-171	10749	30	10779	1271	12050	50.14
4	4378	108	434	4920	100	2137	3935	3767	-198	-102	10822	30	10852	1254	12106	50.11
5	4451	112	434	4997	108	2142	3944	3928	-206	-114	11061	31	11092	1260	12352	50.03
6	4564	272	435	5271	98	2176	3932	3959	-195	-106	11398	133	11531	1380	12911	49.94
7	4650	357	436	5443	87	2259	4382	4687	-351	-196	12280	481	12761	1541	14302	50.00
8	4733	520	435	5688	88	2350	4547	4759	-414	-253	12632	858	13490	1691	15181	49.98
9	4718	988	476	6182	67	2464	4568	4656	-425	-246	13130	878	14008	1950	15958	49.91
10	4727	1332	493	6552	47	2339	4707	5059	-437	-312	13705	644	14349	2238	16587	50.02
11	4636	1607	472	6715	31	2571	4820	4906	-520	-333	13930	566	14496	2433	16929	50.03
12	4637	1339	468	6444	24	2422	4877	5059	-544	-393	13576	751	14327	2478	16805	50.02
13	4697	1109	462	6268	16	2367	4870	4992	-538	-374	13269	920	14189	2466	16655	50.13
14	4563	568	461	5592	42	2386	4825	5110	-493	-368	12762	846	13608	2361	15969	50.11
15	4587	486	461	5534	50	2436	4750	5125	-489	-357	12788	735	13523	2381	15904	50.02
16	4721	908	468	6097	78	2389	4627	4798	-487	-371	12991	654	13645	2374	16019	50.13
17	4612	678	468	5758	100	2416	4632	4632	-496	-340	12566	531	13097	2359	15456	50.11
18	4616	353	426	5395	114	2318	4019	4057	-337	-310	11574	466	12040	2323	14363	50.22
19	4683	181	358	5222	144	2355	4308	4214	-419	-391	11590	275	11865	2358	14223	50.06
20	4755	215	378	5348	177	2384	4393	4174	-468	-437	11693	280	11973	2353	14326	50.05
21	4720	129	434	5283	220	2302	4342	4273	-471	-575	11543	194	11737	2279	14016	50.02
22	4796	127	435	5358	85	2298	4344	4303	-471	-629	11422	193	11615	2064	13679	50.20
23	4826	106	435	5367	58	2213	4181	4008	-471	-573	11073	27	11100	1935	13035	50.09
24	4770	116	410	5296	46	2185	4078	3953	-412	-386	11094	15	11109	1686	12795	50.20
MUs	110.49	12.20	10.58	133.27	2.00	55.36	104.96	106.48	-9.53	-7.90	289.43	9.58	299.01	47.21	346.22	50.07

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 14/Jan/2013

Position as on 6.30 Hrs of 15/Jan/2013

Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE							
Koradi Unit 5	200	16/09/2012	04.23		Continued.	C.O.H.	
Parli Unit 4	210	28/11/2012	02.37		Continued.	W/DN due to water shortage.	
Koyna Unit 12	80	29/11/2012	08.30		Continued.	A/OH.	
Tata Trombay 8	250	21/12/2012	00.10	15/01/2013	06.17	Boiler recertification.	
Parli Unit 7	250	22/12/2012	20.46		Continued.	w/dn for water shortage	
Cent_Sect Tarapur 2	80	31/12/2012	17.05		Continued.	Refuelling work	15/02/2013
FORCED OUTAGE							
Dabhol 1B	230	09/10/2012	13.56		Continued.	Gas Shortage.	
Dabhol 3B	230	28/10/2012	12.43		Continued.	Gas Shortage	
Dabhol 1X	290	02/11/2012	16.26		Continued.	Gas shortage.	
Dabhol 1A	230	02/11/2012	16.27		Continued.	Gas shortage.	
Dabhol 3X	290	03/12/2012	21.21		Continued.	Gas Shortage	
Dabhol 3A	230	03/12/2012	21.23		Continued.	Gas Shortage	
Dabhol 2B	230	03/01/2013	13.29		Continued.	Gas shortage.	
Chandrapur Unit 2	210	09/01/2013	05.51	14/01/2013	18.31	Reheater T/L.	
Uran Unit 8	108	09/01/2013	12.48		Continued.	Gas Shortage.	
CPP WPCL U-4	135	11/01/2013	13.42		Continued.	Bottom ash problem.	
Bhusawal Unit 4	500	11/01/2013	19.11		Continued.	Boiler tube leakage.	15/01/2013
Chandrapur Unit 6	500	11/01/2013	20.13		Continued.	Boiler tube leakage.	15/01/2013
Khaparkheda Unit 5	500	14/01/2013	00.42	14/01/2013	03.32	Preheater protection operated.	
Bhusawal Unit 5	500	14/01/2013	00.46	14/01/2013	03.31	Drum level very high.	
Cent_Sect Kawas GT2A	106	14/01/2013	15.46		Continued.	Withdrawn due to Less Schedule	
Uran Unit B0	120	14/01/2013	17.06	14/01/2013	20.26	Control Valve Problem	
Uran Unit 7	108	14/01/2013	17.07	14/01/2013	17.19	Boiler Protection	

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 14/Jan/2013

Position as on 6.30 Hrs of 15/Jan/2013

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
InterState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
Koradi-Satpur	13/01/2013	08.19	14/01/2013	08.23	Crossing of 765 Tiroda-Koradi-I from 765 KV Switch yard of Adani, Ready for charging at 19.44 Hrs.
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
Borivali-Tarapur-I	04/11/2012	09.53		Continued.	Mumbai Strengthening work to be carried out on Boiser-Borivali section upto 31/1/2013
Voltage Level : 400KV			Outage Type FORCED OUTAGE		
Dhule-Sar'Sarovar - II	10/01/2013	13.01	14/01/2013	10.47	Earth Wire Work.(ready for charging 22.30Hrs dt.10.01.2013)
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Kolhapur-Solapur(PGCIL)-I	26/12/2012	18.21		Continued.	Over Voltage.
Chandrapur - Bhadravati - IV	29/12/2012	21.17		Continued.	Over Voltage.
Warora - Deoli - II	08/01/2013	13.07		Continued.	Hand Tripped
Kolhapur - Mapusa - II	10/01/2013	16.11		Continued.	Over Voltage.
Seoni-Wardha-II 765KV.	13/01/2013	17.34		Continued.	Over Voltage.
Akola - Wardha - I	13/01/2013	21.51	14/01/2013	05.31	Over Voltage.
Dhule - S'Sarovar- II	14/01/2013	17.06		Continued.	Over Voltage
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Wardha - Deoli (PGCIL)	18/11/2012	11.19		Continued.	To control Wardha-Yawatmal Loading
Voltage Level : 220KV			Outage Type TRIPPED		
Nasik - Navsari - II	14/01/2013	16.16	14/01/2013	18.12	Distance Protection
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
Kalwa-Kharghar	11/01/2013	08.19	14/01/2013	18.50	Repl.of 29C isolator at Kalwa under JICA-II.up to 14.01.2013.
Main Bus-II @ Kolhapur	14/01/2013	12.18		Continued.	Replacement of R&B Phase CVT
Bus Coupler @ 400 KV Kolhapur	14/01/2013	12.18		Continued.	Main Bus-II Outage
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
Kharghar - Kalwa	19/10/2012	08.55		Continued.	Mumbai Strengthening work
Ghodbandar - Bhoisor (MSETCL)	04/11/2012	10.35		Continued.	mumbai strengthening work to be carried out on Boiser-Borivali section upto 31/1/2013
Trombay - Tifil	02/12/2012	08.19		Continued.	Mumbai Strengthening work(Till 31/1/2013)
220/132KV 100 MVA ICT-I @ Kanhan	26/12/2012	08.56		Continued.	Replacement of 100 MVA ICT by 200 MVA ICT.
Trombay-Kharghar	06/01/2013	08.53		Continued.	Remover of jumper.
Kolhapur - Peth	09/01/2013	11.02		Continued.	Breaker Replacement Upto 16/01/2013.
Kalwa - Salshet - IV	11/01/2013	11.20	14/01/2013	15.07	Breaker overhauling work.Repl B isolator on TBC up to 14.01.2013.
Babaleshwar - Alephata	13/01/2013	09.52		Continued.	Replacement of faulty insulator.Line on TBC at BBLSR end.
220/132 KV 100 MVA ICT - I at Balapur	13/01/2013	14.20		Continued.	Buchholz alarm received.

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 14/Jan/2013

Position as on 6.30 Hrs of 15/Jan/2013

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
220/132 KV 100 MVA ICT - II at Balapur	13/01/2013	15.18		Continued.	Buchholz alarm received.
Nivali-N'koyna	14/01/2013	09.27	14/01/2013	17.50	Cold Washing Insulator
220/132KV 200MVA ICT-IV at Tilwani	14/01/2013	09.56		Continued.	Q.M.Work(charge from HV Side at 16.48 Hrs kept on Humming)
220/110 KV 100 MVA T/F - II @ @ Wathar	14/01/2013	10.00	14/01/2013	12.45	Q.M.Work
220/132KV 200MVA ICT-II at Mudshingi	14/01/2013	10.04		Continued.	Q.M.Work
220/132 KV 200 MVA ICT - I @ Akola	14/01/2013	10.15	14/01/2013	17.44	Oil Leakage
Badnera-Akola Ckt.I	14/01/2013	11.08	14/01/2013	15.06	Replacement of Disc Insulator
Voltage Level : 400KV			Outage Type FORCED OUTAGE		
Chandrapur - Parli - III	13/01/2013	16.50		Continued.	H/T to attend R ph.pole of breakeer's oil leakage at Parli end.Ready for charging at 19.44 Hrs.
Voltage Level : 220KV			Outage Type FORCED OUTAGE		
Nasik - Airoli - Knowledge Park	14/01/2013	22.57		Continued.	Red Hot on Breaker Pole(Taken on TBC)at Nasik end
Voltage Level : 400KV			Outage Type HAND TRIPPED		
50 MVAR Line Reactor on 400 KV Parly Ckt.-III at Chandrapur	20/03/2012	11.50		Continued.	High tan delta of bushing.
400/220 KV 100 MVA Spare Unit @ Koradi	12/07/2012	07.11		Continued.	Main Buchholz prot.operated
80MVAR Bus reactor breaker-I at BBLSR	08/01/2013	05.35		Continued.	Air leakage in B phase of CB.
Deepnagar-Aurangabad-I	12/01/2013	13.36		Continued.	Over Voltage.
Bhusawal- Aurangabad	12/01/2013	17.18		Continued.	Over Voltage.
Karad - Kolhapur - I	13/01/2013	16.12	14/01/2013	10.11	Over Voltage.
Karad - Kolhapur - II	13/01/2013	18.06		Continued.	Over Voltage.
Lonikand- Koyna Stage IV	13/01/2013	21.33	14/01/2013	07.31	Over Voltage.
Padgha - Nagothane- II	14/01/2013	00.30	14/01/2013	08.57	Over Voltage.
Lonikand- Koyna Stage IV	14/01/2013	22.01	15/01/2013	06.17	Over Voltage
Padgha - Nagothane- II	15/01/2013	00.58		Continued.	Over Voltage
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Chikhali - Jalna - II	10/12/2012	21.43		Continued.	Due to Overloading
Voltage Level : 400KV			Outage Type TRIPPED		
400/11.5KV 90 MVA STN T/F III @ 400KV C'PUR	25/09/2012	15.38		Continued.	Differential protection operated Declared Faulty by Genco.
Bhusawal - Deepnagar - I	06/01/2013	21.22		Continued.	Due to B ph.CT burst.
Karad - Kolhapur - I	14/01/2013	16.59		Continued.	Over Voltage
Voltage Level : 220KV			Outage Type TRIPPED		
Aarey - Borivali	14/01/2013	16.18	14/01/2013	17.00	Over Current
Voltage Level : 132KV			Outage Type TRIPPED		
Girwali - Kej	14/01/2013	12.22	14/01/2013	12.44	Distance Protection

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 15/Jan/2013

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 5	200	0
Unit 6	210	125
Unit 7	210	120
	620	245
Bhusawal		
Unit 2	210	180
Unit 3	210	180
Unit 4	500	0
Unit 5	500	0
	1420	360
Parli		
Unit 3	210	145
Unit 4	210	0
Unit 5	210	145
Unit 6	250	235
Unit 7	250	0
	1130	525
Chandrapur		
Unit 1	210	160
Unit 2	210	140
Unit 3	210	200
Unit 4	210	200
Unit 5	500	425
Unit 6	500	0
Unit 7	500	430
	2340	1555
Paras		
Unit 3	250	200
Unit 4	250	220
	500	420
Khaparkheda		
Unit 1	210	124
Unit 2	210	185
Unit 3	210	185
Unit 4	210	185
Unit 5	500	400
	1340	1079
Nasik		
Unit 3	210	172
Unit 4	210	172
Unit 5	210	172
	630	516
Uran		
All Units	852	400
	852	400
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	36
VTRNA	60	0

Generating unit	Derated Capacity (MW)	OLC (MW)
TILLARI	60	0
BHTGR/VEER	21	3
BHIRA T.R.	80	80
RNGR+BHTSA	20	15
BHANDARDRA	45	0
ELDARY	23	0
SMLHY PTN	12	8
GHATGHAR	250	0
	611	142
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	1100
WARDHA	405	370
Adani	660	
Other CPPs	0	
	1665	1470
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	4337
	3455	4337