



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

State Load Dispatch Center, Airoli

Daily system Report

for

02/Jan/2013

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 02/Jan/2013 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	121.005	241.308	1) Gujrat	9.207	18.978
2) Hydro	10.791	17.090	2) Madhya Pradesh	15.493	31.482
3) Gas	11.328	21.560	3) Chattisgarh	9.970	19.940
Total MSGENCO	143.124	279.958	4) Maharashtra	61.276	121.612
B) 1) JSW JAIGAD	26.590	53.336	5) Goa	-6.205	-11.921
2) WPCL	8.869	17.721	6) TAPS 1&2 Injection	2.038	2.085
3) ADANI	5.320	15.790	7) RGPPL Injection	12.154	23.482
4) Other CPP / IPP	10.400	22.652	8) Pench (Excess)	-0.211	-0.326
5) Wind Generation	3.756	7.378	# Total Cent. Sector	103.722	205.332
6) PENCH (MS)	0.211	0.326	F) Other Exchanges		
C) TPCL & REL			1) With TPCL (Excess)	-13.103	-25.429
1) TPCL Thermal	18.417	36.525	G) Bilateral Power *		
2) TPCL Hydro	5.646	9.705	1) MSEDCL Bilateral	32.764	69.706
TOTAL TPCL	24.063	46.230	Include PX	0.000	0.000
3) REL Thermal	12.140	24.254	2) MUMBAI Bilateral	10.800	20.485
D) STATE			Include PX	-0.903	-2.902
1) Thermal (A1+C1+C3)	151.562	302.087	3) MUMBAI Schedule	10.800	20.485
2) Hydro (A2+B5+C2)	16.648	27.121	H) ENERGY CATERED (MUs)		
3) Gas (A3)	11.328	21.560	1) MSEDCL	288.889	577.064
4) Wind (B4)	3.756	7.378	2) TPCL	32.977	64.262
5) CPP (B1+B2+B3)	51.179	99.029	3) REL	16.485	31.806
TOTAL STATE	234.473	457.175	TOTAL STATE	338.351	673.132

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	5090	4946	4821
MSGENCO Hydro	1281	874	115
MSGENCO Gas	474	458	488
MSGENCO Total Generation	6845	6278	5424
Central Sector Receipt	4846	4559	3563
WIND	32	231	126
CPP / IPP	2512	2067	2038
Exchange with Mumbai	-676	-617	-402
MSEDCL DEMAND MET	13559	12518	10749
Load Shedding	502	517	40
MSEDCL DEMAND	14061	13035	10789
TPCL GENERATION	1333	1271	622
R-INFRA GENERATION	528	529	389
TPCL+R-INFRA DEMAND	2537	2417	1413
STATE DEMAND MET	16096	14935	12162
STATE DEMAND	16598	15452	12202
Frequency (Hz)	49.83	49.77	50.12

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.52 Hz at 03.09 Hrs	49.46 Hz at 16.37 Hrs	49.95	0 % of Time(min)

* Displayed for information, not added in total. # Total Cent. Sector includes MSEDCL and TPCL bilateral power.

Shift Engineer

Shift Incharge

State Load Dispatch Center,Airoli (MSETCL)

Daily and Progressive Generation,Maximum,Minimum,OLC Details for 02/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	3.15	6.07	145	108	135
Unit 7	3.66	6.52	165	135	140
Total	6.81	12.59			275
Bhusawal					
Unit 2	0.00	0.00	0	0	0
Unit 3	4.28	8.36	195	160	175
Unit 4	9.00	16.60	405	295	400
Unit 5	0.00	0.42	0	0	
Total	13.28	25.38			575
Parli					
Unit 3	0.00	0.49	0	0	0
Unit 4	0.00	0.00	0	0	0
Unit 5	4.12	7.80	180	135	177
Unit 6	5.64	11.34	253	192	220
Unit 7	0.00	0.00	0	0	0
Total	9.76	19.62			397
Chandrapur					
Unit 1	3.62	6.96	158	134	145
Unit 2	3.56	6.91	164	125	140
Unit 3	4.65	9.16	202	187	200
Unit 4	4.66	9.26	197	192	200
Unit 5	9.66	19.03	415	380	425
Unit 6	10.48	20.06	455	395	425
Unit 7	8.94	18.03	432	265	400
Total	45.56	89.41			1935
Paras					
Unit 3	4.80	10.47	239	0	230
Unit 4	5.66	11.37	252	221	230
Total	10.46	21.84			460
Khaparkheda					
Unit 1	3.92	7.87	195	130	150
Unit 2	3.70	7.28	178	125	142
Unit 3	4.09	8.22	186	155	181
Unit 4	3.87	8.02	183	142	145
Unit 5	6.80	15.68	422	224	240
Total	22.38	47.07			858
Nasik					
Unit 3	4.36	8.67	190	170	190
Unit 4	4.10	8.30	182	146	190
Unit 5	4.29	8.43	188	171	190
Total	12.75	25.39			570
Uran					
All Units	11.33	21.56	495	452	470
Total	11.33	21.56			470
PENCH (MS)					
Pench (MS)	0.21	0.33	50	0	
Total	0.21	0.33			
Koyna					
Stage 1-2	4.06	5.92	550	45	600
Stage 4	3.05	4.54	531	0	250
Stage 3	1.37	2.11	238	0	240
Kovna 12&4 Total	7.11	10.46			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Total	8.48	12.58			1090
Hydro					
KDPH	0.46	1.06	20	19	36
VTRNA	0.00	0.00	0	0	0
TILLARI	0.24	0.48	60	0	60
BHTGR/VEER	0.12	0.19	5	4	3
BHIRA T.R.	0.26	0.49	72	0	80
RNGR+BHTSA	0.36	0.71	15	14	15
BHANDARDRA	0.00	0.00	0	0	0
ELDARY	0.06	0.06	3	2	0
SMLHY PTN	0.80	1.49	41	30	9
GHATGHAR	0.02	0.02	17	0	
Total	2.31	4.52			203
Wind					
MalharPeth	0.30	0.49			
Vankuswadi	0.33	0.61			
ATIT	0.14	0.18			
Kale	0.11	0.20			
Satara	0.32	0.74			
Shirala	0.14	0.20			
K Mahankal	0.12	0.13			
Supa	0.09	0.16			
Vita	0.15	0.27			
Dondaicha	1.37	3.04			
Sakri	0.19	0.43			
Nandurbar	0.18	0.34			
Khandke	0.12	0.20			
Khaparale	0.19	0.40			
Total	3.76	7.38			
CPP					
JSW JAIGAD	26.59	53.34	1214	908	1100
WARDHA	8.87	17.72	372	367	369
Adani	5.32	15.79	540	0	
Other CPPs	10.40	22.65			
Total	51.18	109.50			1469
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	9.79	19.38	503	286	500
Trombay 6	4.07	8.10	234	155	500
Trombay 7A	2.93	5.81	128	114	120
Trombay 7B	1.63	3.24	70	65	60
Trombay 8	0.00	0.00	0	0	0
TATA Hydro	5.65	9.70	444	0	447
Total	24.06	46.23			1627
REL					
1&2	12.14	24.25	530	389	500
Total	12.14	24.25			500
Cent Sect					
Share					5000
Total					5000

MS PG CL	Thermal	121.00	241.31			5070
	Thml+Gas	132.33	262.87			5540
	Hydro	10.79	17.09			1293
	Total	143.12	279.96			6833
State Total		234.47	457.18			15429

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 02/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	5056	120	489	5665	144	2144	4054	3694	-334	-514	11133	10	11143	1621	12764	50.15
2	4952	120	488	5560	195	2038	3986	3650	-262	-464	10979	40	11019	1478	12497	50.16
3	4821	115	488	5424	126	2038	3958	3563	-233	-402	10749	40	10789	1413	12202	50.12
4	4803	130	488	5421	195	2032	3939	3619	-214	-374	10893	40	10933	1387	12320	50.27
5	4836	122	490	5448	170	2050	3942	3562	-216	-328	10902	40	10942	1392	12334	50.17
6	4936	117	495	5548	121	2274	4259	4394	-218	-297	12040	88	12128	1496	13624	50.07
7	4998	127	485	5610	121	2423	4588	4881	-350	-398	12637	343	12980	1650	14630	49.94
8	5133	282	487	5902	126	2499	4644	4537	-415	-497	12567	662	13229	1800	15029	49.87
9	5150	262	481	5893	71	2528	4543	4692	-397	-396	12788	778	13566	2062	15628	49.88
10	5181	1027	477	6685	41	2523	4587	4557	-503	-566	13240	588	13828	2333	16161	49.85
11	5090	1281	474	6845	32	2512	4748	4846	-649	-676	13559	502	14061	2537	16598	49.83
12	5128	757	471	6356	33	2594	4826	4946	-693	-684	13245	656	13901	2566	16467	49.84
13	5042	724	467	6233	112	2234	4689	4999	-684	-694	12884	762	13646	2544	16190	49.87
14	5074	815	466	6355	104	2062	4622	4527	-603	-618	12430	696	13126	2445	15571	49.90
15	4978	926	462	6366	145	2056	4655	4751	-607	-644	12674	657	13331	2460	15791	49.93
16	4986	991	459	6436	183	2062	4599	4751	-600	-627	12805	590	13395	2434	15829	49.86
17	4946	874	458	6278	231	2067	4535	4559	-578	-617	12518	517	13035	2417	15452	49.77
18	5033	538	452	6023	245	2017	4137	3869	-387	-598	11593	483	12076	2388	14464	49.85
19	5064	654	457	6175	246	2002	4468	4417	-465	-770	12120	409	12529	2517	15046	49.85
20	5186	281	458	5925	269	1940	4597	4333	-484	-585	11932	307	12239	2448	14687	49.78
21	5232	154	462	5848	286	1809	4412	4370	-480	-626	11737	73	11810	2273	14083	49.86
22	5202	128	462	5792	212	1766	4422	4062	-480	-645	11207	73	11280	2097	13377	49.98
23	5117	123	457	5697	207	1754	4289	4205	-470	-573	11294	1	11295	1883	13178	49.99
24	5061	123	455	5639	141	1755	4185	3938	-480	-510	10963	1	10964	1665	12629	50.08
MUs	121.00	10.79	11.33	143.12	3.76	51.18	105.68	103.72	-10.80	-13.10	288.89	8.36	297.24	49.31	346.55	49.95

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 02/Jan/2013

Position as on 6.30 Hrs of 03/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.	
Bhusawal Unit 2	210	19/10/2012	22.22		Continued.	AOH.	03/01/2013
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		Continued.	Boiler recertification.	15/01/2013
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	
Parli Unit 7	250	22/12/2012	20.46		Continued.	Steam leakage.	
Hydro GhatgharU2	125	27/12/2012	10.25		Continued.	Rock sliding.	
Hydro GhatgharU1	125	27/12/2012	10.45		Continued.	Rock sliding.	
Uran Unit 5	108	29/12/2012	00.45		Continued.	Water feed pump problem.	
CPP WPCL U-1	135	29/12/2012	18.45		Continued.	Withdrawn.	
Bhusawal Unit 5	500	01/01/2013	05.11		Continued.	Coal Shortage	
Parli Unit 3	210	01/01/2013	16.50		Continued.	Inspection of PA Fan	
CPP Adani	660	02/01/2013	12.27	03/01/2013	00.50	Wardha PG-Warora Line Tripped	
Paras Unit 3	250	02/01/2013	22.14		Continued.	Replacement of Damaged/Punctured Bend of HTPRDS Line	

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 02/Jan/2013

Position as on 6.30 Hrs of 03/Jan/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-I	04/11/2012	09.53		Continued.	Mumbai Strengthening work to be carried out on Boiser-Borivali section upto 31/1/2013
Nasik - Navsari - II	02/01/2013	09.25	02/01/2013	20.43	To Crimp Repair Sleeves in Place of damaged Conductor
Voltage Level : 400KV			Outage Type FORCED OUTAGE		
Padgha-Bhoisor (PGCIL)	03/01/2013	00.18	03/01/2013	02.31	R Phase CT Red Hot
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Kolhapur-Mapusa-II	24/12/2012	17.10		Continued.	Over Voltage
Kolhapur-Solapur(PGCIL)-I	26/12/2012	18.21		Continued.	Over Voltage.
Chandrapur - Bhadravati - IV	29/12/2012	21.17		Continued.	Over Voltage.
Parli (PG)-Bhadravati I	31/12/2012	23.07		Continued.	Over Voltage
Dhule - S'Sarovar- II	31/12/2012	23.13		Continued.	Over Voltage
765 KV Wardha - Seoni -I	01/01/2013	14.03		Continued.	Over Voltage
Akola - Wardha - II	01/01/2013	23.11	02/01/2013	09.04	Over Voltage
Parly(PG)- Solapur(PG) - I	02/01/2013	01.24		Continued.	Over Voltage
Wardha - Akola - I	02/01/2013	13.08	02/01/2013	15.18	Over Voltage
Dhule-Sar'Sarovar - I	02/01/2013	22.04		Continued.	Over Voltage
Wardha - Akola - II	02/01/2013	22.10		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 : 400KV			Outage Type TRIPPED		
Padgha - Talegaon (PG)	02/01/2013	06.29	02/01/2013	16.23	Distance Protection
Wardha (PG) - Warora - I	02/01/2013	12.27	02/01/2013	13.51	DT Received at Warora during Bus changing at Wardha
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
New Koyna-Karad-II	02/01/2013	10.01		Continued.	Relay Testing Work and R&Y phase CT Leakage(Ready for Charging 17.40Hrs)
Main Bus - I @ Lamboti.	02/01/2013	10.41	02/01/2013	12.37	Bus Bar Testing work
Main Bus - II @ Lamboti	02/01/2013	13.42	02/01/2013	15.09	Bus Bar Testing
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)
220/100KV 100 MVA ICT-I @ Taloja	21/12/2012	15.20		Continued.	Replacement by 200 MVA New ICT(Up to 06/01/2013)
220/132KV 100 MVA ICT-I @ Kanhan	26/12/2012	08.56		Continued.	Replacement of 100 MVA ICT by 200 MVA ICT.
Kalwa - Borivali	28/12/2012	15.40		Continued.	Isolator replacement work.Taken on TBC.
220/132KV 150MVA ICT	29/12/2012	09.32		Continued.	Breaker repl.under JICA.Taken on

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 02/Jan/2013

Position as on 6.30 Hrs of 03/Jan/2013

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
@ Boisor					TBC.
220/100KV 100 MVA T/F-I @ Tambati	01/01/2013	11.00		Continued.	Bus Section-I Outage
Main Bus Sec.- I at Tambati	01/01/2013	11.00		Continued.	O/H work
Tambati-Pedambe	01/01/2013	11.00	02/01/2013	18.50	Bus-I Outage
220/132 KV 100 MVA ICT - I at Balapur	01/01/2013	14.04	02/01/2013	16.42	Oil Filtration
Trombay - Tata Tie - I	02/01/2013	07.04		Continued.	Maintenance work up to 04/01/2013
Bale - Lamboti I	02/01/2013	10.00	02/01/2013	14.58	Q.M.Work
220/132KV 200MVA ICT-II at Ambazari	02/01/2013	10.30	02/01/2013	13.10	oil Leakage
220/132 KV 200 MVA ICT - II @ Beed	02/01/2013	11.15	02/01/2013	15.35	Relay Testing
Vita - Lamboti	02/01/2013	13.26	02/01/2013	22.37	R Phase W/T replacement
Bale-Lamboti II	02/01/2013	15.21	02/01/2013	22.40	Q.M.work
Voltage Level : 100KV			Outage Type PLANNED OUTAGE		
Kandalgaon - Mhasale	13/12/2012	08.10		Continued.	Breaker Repairing Work.(Till 03/01/13)
Voltage Level : 400KV			Outage Type FORCED OUTAGE		
Lonikand - Parli - I	02/01/2013	20.52		Continued.	Oil Leakage in Breaker at Lonikand end
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
Aurangabad-Deepnagar-II	11/12/2012	13.21		Continued.	Over Voltage
Karad - Kolhapur - I	31/12/2012	16.42	02/01/2013	07.45	Over Voltage
Bhusawal- Aurangabad	01/01/2013	17.11		Continued.	Over Voltage
Karad - Kolhapur - II	01/01/2013	17.39	02/01/2013	10.25	Over Voltage
Lonikand- Koyna Stage IV	01/01/2013	22.04	02/01/2013	06.57	Over Voltage
Karad - Kolhapur - II	02/01/2013	16.35		Continued.	Over Voltage
Parli - Chandrapur - III	02/01/2013	21.13		Continued.	To Control Parli-Lonikand Line Loading
Karad - Kolhapur - I	03/01/2013	02.11		Continued.	Over Voltage
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Chikhali - Jalna - II	10/12/2012	21.43		Continued.	Due to Overloading
Hingoli-Pusad	02/01/2013	00.01	02/01/2013	14.15	To Control Wardha-Yavatmal Line Loading
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.
Warora- Tirora -II	02/01/2013	12.57	03/01/2013	00.48	Due to Tripping of Warora-Wardha PG
Voltage Level : 220KV			Outage Type TRIPPED		
Pusad - Bhugaon	01/01/2013	23.54	02/01/2013	14.10	Distance Protection(Declared Faulty)
Kharghar-TSS	02/01/2013	13.08	02/01/2013	16.14	Distance Protection
Main Bus at Theur	03/01/2013	02.43	03/01/2013	03.52	Y Phase CT Burst of 220KV Theur-Lonikand-I Line B/B Operated
Lonikand-Theur - I	03/01/2013	02.43		Continued.	Y phase CT Burst at Theur

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 03/Jan/2013

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 5	200	0
Unit 6	210	135
Unit 7	210	165
	620	300
Bhusawal		
Unit 2	210	0
Unit 3	210	180
Unit 4	500	400
Unit 5	500	0
	1420	580
Parli		
Unit 3	210	0
Unit 4	210	0
Unit 5	210	175
Unit 6	250	250
Unit 7	250	0
	1130	425
Chandrapur		
Unit 1	210	160
Unit 2	210	160
Unit 3	210	190
Unit 4	210	200
Unit 5	500	425
Unit 6	500	450
Unit 7	500	400
	2340	1985
Paras		
Unit 3	250	0
Unit 4	250	250
	500	250
Khaparkheda		
Unit 1	210	170
Unit 2	210	170
Unit 3	210	170
Unit 4	210	170
Unit 5	500	350
	1340	1030
Nasik		
Unit 3	210	190
Unit 4	210	190
Unit 5	210	190
	630	570
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	240
	1920	1090
Hydro		
KDPH	40	18
VTRNA	60	0

Generating unit	Derated Capacity (MW)	OLC (MW)
TILLARI	60	60
BHTGR/VEER	21	5
BHIRA T.R.	80	80
RNGR+BHTSA	20	15
BHANDARDRA	45	0
ELDARY	23	3
SMLHY PTN	12	6
GHATGHAR	250	0
	611	187
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	0
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	0
TATA Hydro	444	447
	2024	1627
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3455	4693
	3455	4693