



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

State Load Dispatch Center, Airoli

Daily system Report

for

20/Sep/2010

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 20/Sep/2010 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	72.310	1311.762	1) Madhya Pradesh	79.220	1168.150
2) Hydro	7.512	161.602	2) Gujrat	29.768	595.151
3) Gas	15.724	311.656	3) Goa	-6.099	-110.067
Total MSGENCO	95.546	1785.020	4) TAPS 1&2 (Inj.)	7.748	150.239
B) OTHERS			5) Pench (Excess)	-1.150	-4.782
1) RGPPL Gas	37.134	716.319	# Total Cent. Sector	109.487	1798.691
2) Wind Generation	3.669	217.395	F) Other Exchanges		
3) CPP / IPP	4.018	179.795	1) With TPCL (Excess)	-12.059	-193.925
4) PENCH (MS)	1.150	4.782	G) Bilateral Power *		
C) TPCL & REL			1) MSEDCL Bilateral	9.848	146.307
1) TPCL Thermal	26.200	469.687	Include PX	6.336	106.522
2) TPCL Hydro	3.176	92.210	2) MUMBAI Bilateral	13.150	208.304
TOTAL TPCL	29.376	561.897	Include PX	3.064	36.755
3) REL Thermal	12.587	250.846	3) MUMBAI Schedule	13.150	208.304
D) STATE			H) ENERGY CATERED (MUs)		
1) Thermal (A1+C1+C3)	111.097	2032.295	1) MSEDCL	238.945	4508.077
2) Hydro (A2+B3+C2)	11.838	258.594	2) TPCL	36.042	669.095
3) Gas (A3+B1)	52.858	1027.975	3) REL	17.980	337.647
4) Wind (B2)	3.669	217.395	TOTAL STATE	292.967	5514.819
5) CPP (B3)	4.018	179.795			
TOTAL STATE	183.480	3716.054			

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 12 Hrs	B. Evening Peak at 20 Hrs	C. Night Minimum at 4 Hrs
MSGENCO Thermal	2954	3116	2839
MSGENCO Hydro	240	1206	125
MSGENCO Gas	646	648	660
MSGENCO Total Generation	3840	4970	3624
Central Sector Receipt	4849	4719	4027
RGPPL	1531	1529	1566
WIND	103	172	195
CPP / IPP	161	167	161
Exchange with TPCL	-805	-503	-126
MSEDCL DEMAND MET	9732	11107	9497
Load Shedding	2113	2713	531
MSEDCL DEMAND (INCL. LS)	11845	13820	10028
TPCL GENERATION	1436	1658	869
REL GENERATION	525	521	524
TPCL+REL DEMAND	2766	2682	1519
STATE DEMAND MET	12498	13789	11016
STATE DEMAND (INCL. LS)	14611	16502	11547
Frequency (Hz)	49.81	49.39	50.13
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			4181 MW at 19.00 Hrs
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			66.71 Mus.

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
50.37 Hz at 03.44 Hrs	48.78 Hz at 18.52 Hrs	49.88	1.39 % 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/Sep/2010

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 1	0.00	16.10	0	0	0
Unit 2	1.42	20.67	74	31	40
Unit 3	1.51	26.90	70	43	55
Unit 4	0.00	0.00	0	0	0
Unit 5	2.87	39.12	140	94	130
Unit 6	2.85	53.71	140	60	140
Unit 7	3.02	66.26	135	105	135
	11.67	222.76			500
Bhusawal					
Unit 1	0.00	0.64	0	0	0
Unit 2	2.76	39.20	150	85	100
Unit 3	1.78	24.37	135	0	70
	4.54	64.20			170
Parli					
Unit 1	0.00	0.00	0	0	0
Unit 2	0.00	2.82	0	0	0
Unit 3	0.00	19.56	0	0	0
Unit 4	2.64	55.10	149	0	88
Unit 5	0.02	38.60	12	0	0
Unit 6	3.46	53.14	168	111	175
Unit 7	3.62	23.56	181	115	170
	9.76	192.79			433
Chandrapur					
Unit 1	2.90	37.26	140	90	145
Unit 2	0.00	17.58	0	0	0
Unit 3	1.15	13.35	103	0	0
Unit 4	2.42	20.73	136	70	150
Unit 5	4.60	103.16	245	120	250
Unit 6	3.51	78.50	215	80	200
Unit 7	5.10	59.88	242	176	200
	19.69	330.46			945
Paras					
Unit 2	0.93	13.06	42	34	35
Unit 3	3.74	44.93	202	106	160
Unit 4	2.95	38.51	177	61	125
	7.62	96.50			320
Khaparkheda					
Unit 1	4.00	87.26	210	135	170
Unit 2	0.00	0.00	0	0	0
Unit 3	4.28	83.73	195	162	190
Unit 4	3.87	61.83	173	150	170
	12.14	232.83			530
Nasik					
Unit 1	1.67	25.35	90	51	80
Unit 2	0.00	11.52	0	0	0
Unit 3	2.34	43.79	130	60	160
Unit 4	0.00	42.02	0	0	0
Unit 5	2.88	49.53	144	92	160
	6.89	172.21			400
Koyna					
Stage 1-2	3.10	41.50	535	35	600
Stage 4	0.00	0.00	0	0	0
Stage 3	0.90	18.35	300	0	320
	4.00	59.85			920
Kovna 12&4 Total	3.10	41.50			600

Generating unit		Generation				OLC (MW)
		Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Uran						
All Units		15.72	311.66	664	598	640
		15.72	311.66			640
Hydro						
KDPH		0.00	13.54	0	0	0
VTRNA		0.00	5.43	0	0	0
TILLARI		0.00	5.06	0	0	60
BHTGR/VEER		0.10	2.97	5	4	3
BHIRA T.R.		0.29	8.43	41	0	41
RNGR+BHTSA		0.45	8.22	19	18	19
BHANDARDRA		0.11	12.00	5	4	21
ELDARY		0.41	10.35	23	7	20
SMLHY PTN		0.89	17.34	45	34	26
GHATGHAR		1.26	18.41	250	0	0
		3.51	101.75			190
PENCH (MS)						
Pench (MS)		1.15	4.78	54	20	
		1.15	4.78			
Wind						
MalharPeth		0.04	10.18			
Vankuswadi		0.20	20.97			
ATIT		0.03	7.79			
Kale		0.12	8.43			
Satara		0.32	20.72			
Shirala		0.11	7.98			
K Mahankal		0.02	8.00			
Supa		0.04	3.10			
Vita		0.61	36.16			
Dondaicha		1.55	52.74			
Sakri		0.24	10.93			
Nandurbar		0.26	6.41			
Khandke		0.02	13.66			
Khaparale		0.10	10.33			
		3.67	217.40			
CPP						
TOTAL CPP		4.02	179.80			
		4.02	179.80			
Dabhol						
RGPPL		37.13	716.32	1566	1521	1575
		37.13	716.32			1575
Tata						
Trombay 4		0.00	0.00	0	0	0
Trombay 5		10.72	193.78	490	375	500
Trombay 6		6.04	88.95	460	150	500
Trombay 7A		2.90	58.38	123	119	105
Trombay 7B		1.61	32.28	68	66	45
Trombay 8		4.92	96.29	241	152	250
TATA Hydro		3.18	92.21	351	0	447
		29.38	561.90			1847
REL						
1&2		12.59	250.85	528	521	500
		12.59	250.85			500
Cent Sect						
Share						4080
						4080
MS PG CL	Thermal	72.31	1311.76			3298
	Thml+Gas	88.03	1623.42			3938
	Hydro	7.51	161.60			1110
	Total	95.55	1785.02			5048
State Total		183.48	3716.05			13050

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 20/Sep/2010

TIME SR. NO.	MSPGCL GEN.			TOTAL	RGPPL	WIND	CPP / IPP	CS SHARE	CS RECPT	TPCL SCH.	TPCL NET EXCH.	MSEDCL DEMAND MET	# LOAD SHED.	MSEDCL DEMAND WITH LS	TPCL + REL DEMAND	STATE DEM. WITH LS	FREQ. (Hz)
	THM	HY	GAS														
1	2911	126	656	3693	1563	221	163	3710	4126	-388	-368	9448	1086	10534	1811	12345	50.03
2	2907	125	661	3693	1562	196	162	3642	4256	-316	-263	9656	1053	10709	1689	12398	50.03
3	2799	121	664	3584	1565	145	156	3577	4086	-248	-202	9384	938	10322	1621	11943	50.10
4	2839	125	660	3624	1566	195	161	3508	4027	-177	-126	9497	531	10028	1519	11547	50.13
5	2847	145	658	3650	1562	181	165	3511	4476	-177	-126	9958	620	10578	1519	12097	49.98
6	3040	126	657	3823	1558	165	169	3507	4387	-177	-156	9999	1132	11131	1549	12680	49.85
7	3252	128	659	4039	1560	110	166	3816	4061	-299	-259	9714	1527	11241	1791	13032	49.94
8	3232	137	657	4026	1561	107	182	3838	4386	-323	-319	9970	1557	11527	1893	13420	50.05
9	3051	132	653	3836	1555	122	170	3982	4515	-469	-460	9772	1953	11725	2128	13853	49.92
10	2987	136	651	3774	1546	102	168	4242	4482	-708	-705	9421	2414	11835	2480	14315	49.88
11	3082	175	644	3901	1537	95	166	4234	4432	-782	-766	9419	2228	11647	2719	14366	49.82
12	2954	240	646	3840	1531	103	161	4215	4849	-811	-805	9732	2113	11845	2766	14611	49.81
13	3083	289	648	4020	1534	123	164	4214	4875	-811	-804	9962	2071	12033	2728	14761	49.93
14	3080	248	644	3972	1532	132	172	4161	4819	-763	-756	9921	1962	11883	2616	14499	49.88
15	3064	276	632	3972	1531	141	178	4159	4944	-763	-755	10064	2023	12087	2688	14775	49.87
16	2951	180	646	3777	1532	177	184	4143	4527	-763	-759	9491	1979	11470	2699	14169	49.87
17	2926	156	647	3729	1534	220	163	4144	4817	-763	-756	9760	2179	11939	2691	14630	49.83
18	2956	318	640	3914	1534	211	175	4136	4454	-763	-745	9596	2353	11949	2600	14549	49.74
19	3016	848	598	4462	1521	173	178	4017	4700	-568	-554	10533	2559	13092	2556	15648	49.27
20	3116	1206	648	4970	1529	172	167	4101	4719	-646	-503	11107	2713	13820	2682	16502	49.39
21	3187	1153	652	4992	1548	183	165	4077	4670	-646	-370	11238	2483	13721	2556	16277	49.81
22	3051	787	658	4496	1554	144	166	4086	4921	-620	-422	10909	2333	13242	2364	15606	49.91
23	3017	228	656	3901	1556	132	159	3904	5139	-584	-540	10397	2121	12518	2259	14777	49.93
24	2972	107	662	3741	1563	119	158	3816	4819	-585	-540	9880	1938	11818	2098	13916	50.04
MUs	72.32	7.51	15.60	95.43	37.13	3.67	4.02	94.74	109.49	-13.15	-12.06	238.83	43.87	282.69	54.02	336.72	49.88

NOTE : ALL VALUES IN MW

TPCL Sch./Net Exch is shown with reference to MSETCL System. (+) indicates TPCL to MSETCL and (-) indicates MSETCL to TPCL. TPCL Schedule is calculated for MSETCL periphery (taking 4% loss for import & 4.85% MSETCL loss for export)
Without Applying Load Diversity Factor

State Load Dispatch Center,Airoli (MSETCL)
Details of Generating Unit Outages/Trippings for 20/Sep/2010

Position as on 6.30 Hrs of 21/Sep/2010

Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE							
Cent_Sect KARPR1	220	01/07/2008	00:10		Continued.	COH(En-Mass Coolant Clanel Replacement)	30/12/2010
Koyna ST-IV 1	250	16/07/2010	00.00		Continued.	Preparing Work for 2nd Lake Tapping.	15/11/2010
Koyna ST-IV 2	250	16/07/2010	00.00		Continued.	Preparing Work for 2nd Lake Tapping.	15/11/2010
Koyna ST - IV 4	250	16/07/2010	00.00		Continued.	Preparing Work for 2nd Lake Tapping.	15/11/2010
Koyna ST - IV 3	250	16/07/2010	00.00		Continued.	Preparing Work for 2nd Lake Tapping.	15/11/2010
Cent_Sect KARPR2	220	14/08/2010	14:16		Continued.	Annual Overhaul.	30/09/2010
Koradi Unit 4	115	24/08/2010	06.02		Continued.	Annual Overhaul.	05/10/2010
Khaparkheda Unit 2	210	27/08/2010	23.40		Continued.	Capital Overhaul	05/10/2010
Nasik Unit 4	210	15/09/2010	10.55		Continued.	Annual Overhaul.	10/10/2010
Cent_Sect NTPC(V-6)	210	19/09/2010	13.56		Continued.	Annual overhaul.	09/10/2010
FORCED OUTAGE							
Uran Unit 2	60	04/10/2008	19.00		Continued.	Gas Restriction	
Uran Unit 4	60	01/04/2009	00:00		Continued.	Gas Restriction	
Uran Unit 3	60	16/06/2010	19.52		Continued.	R.M.Work.	
Parli Unit 1	30	18/06/2010	12:11		Continued.	For Scrapping.	
Dabhol 2A	230	12/07/2010	01.55		Continued.	Tripped due to Electrical Fault	30/09/2010
Bhusawal Unit 1	58	01/09/2010	23.30		Continued.	Wet Coal	22/09/2010
Nasik Unit 2	125	10/09/2010	01.00		Continued.	Bunkering Problem.	22/09/2010
Chandrapur Unit 3	210	14/09/2010	23.38	20/09/2010	08:40	Furnance Pressure High	
Parli Unit 2	30	16/09/2010	15.20		Continued.	Furnance Pressure High.	
Parli Unit 3	210	17/09/2010	05.33		Continued.	Furnance Pressure High	22/09/2010
Parli Unit 5	210	17/09/2010	14.07	20/09/2010	22.48	Furnance Pressure High.	
Chandrapur Unit 2	210	18/09/2010	00.20		Continued.	Furnance Pressure High.	22/09/2010
CPP JSW_JAIGAD	300	18/09/2010	16.00		Continued.	Planned shutdown.	23/09/2010
Parli Unit 4	210	18/09/2010	20.13	20/09/2010	03.06	High furnace pressure.	
Koradi Unit 1	105	19/09/2010	18.18		Continued.	Boiler tube leakage.	22/09/2010
Bhusawal Unit 3	210	20/09/2010	08:37	20/09/2010	10:21	Furnance Pressure high.	
Bhusawal Unit 3	210	20/09/2010	14:57	20/09/2010	16:32	Furnance Pressure high.	
Uran Unit 5	108	21/09/2010	03.41	21/09/2010	04.35	Boiler Protection	

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 20/Sep/2010

Position as on 6.30 Hrs of 21/Sep/2010

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
InterState					
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
Badnera - Deoli (PGCIL)	20/09/2010	10.03	20/09/2010	18.08	R phase CT replacement work
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Akola - Aurangabad - II	04/09/2010	12.29		Continued.	Over Voltage.
Kolhapur - Mapusa - I	06/09/2010	17.51		Continued.	Over Voltage
Dhule-Sar'Sarovar - II	19/09/2010	23.14	20/09/2010	18.53	Over Voltage.
Chandrapur-Bhadravti - I	20/09/2010	11.12	20/09/2010	13.24	Mock Drill
Voltage Level : 400KV			Outage Type TRIPPED		
Akola - Wardha - II	01/09/2010	01.48		Continued.	Over Voltage.
Voltage Level : 220KV			Outage Type TRIPPED		
Padgha - Boisar (PGCIL)	20/09/2010	10.12	20/09/2010	10.32	Tripped at Bhoisor end
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
50 MVAR Reactor of Chandrapur - Parli - II @ Parli	12/08/2009	10.15		Continued.	Bushing Problem.
Main Bus-I At Stage-4 Koyna.	12/08/2010	11.50		Continued.	Routine Maintenance Work.
Newkoyna - Jaigad - I	20/09/2010	08.00		Continued.	Coupling of 400KV GIS Stage-II with Stage-I
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
220/100KV 125MVA ICT-IV @ Kalwa	02/08/2010	10.10		Continued.	Repl.125 MVA ICT by 200 MVA New ICT.
220/100 125 MVA ICT - II @ Trombay	23/08/2010	12.17		Continued.	Dismantling of existing ICT and commissioning of New 200MVA ICT
220/6.6 KV Stn Tr - II @ K'Kheda	06/09/2010	08.58		Continued.	Annual Maint.of Bay
Bus section-I At Borivali.	19/09/2010	22.34	20/09/2010	00.15	R Ph.jumper bottom palm nut bolt replacement work.
Kalwa - Borivali	20/09/2010	05.55	20/09/2010	12.32	Red Hot work.
BBLSR-Waluj	20/09/2010	08.00		Continued.	Insulator replacement
Khaperkheda - Ambazari - II	20/09/2010	09.19	20/09/2010	16.32	Q.M.Work
Main Bus Section-II at Shendra	20/09/2010	10.03	20/09/2010	14.54	R.M.Work
220KV A Bus at Kharghar	20/09/2010	10.11	20/09/2010	19.26	R.M.Work
Voltage Level : 132KV			Outage Type PLANNED OUTAGE		
Kawlewada-Gondia-II	20/09/2010	13.45	20/09/2010	15.15	Replacement and testing of O/C and E/F relay
Voltage Level : 220KV			Outage Type FORCED OUTAGE		
Borivali (MSEB)- Borivali (T)	19/09/2010	22.23	20/09/2010	00.45	Emergency outage on 220KV M.B.section No.1 At Boriali.
Borivali-Mulund	19/09/2010	22.23	20/09/2010	00.24	Emergency outage on 220KV M.B.section No.1 At Boriali.
Borivali-Tarapur	19/09/2010	22.27	20/09/2010	00.35	Emergency outage on 220KV M.B.section No.1 At Boriali.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
80 MVAR Line Reactor of Lonikand - Karad @ Karad	04/03/2010	11.58		Continued.	Red Hot Spot Observed on Earthing.
Karad - Kolhapur - I	18/09/2010	22.23		Continued.	Over Voltage.

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 20/Sep/2010

Position as on 6.30 Hrs of 21/Sep/2010

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
Lonikand- Koyna Stage IV	19/09/2010	23.30	20/09/2010	08.04	Over Voltage
Karad-Lamboti	19/09/2010	23.36	20/09/2010	09.02	Over Voltage.
Karad-Lamboti	21/09/2010	00.54		Continued.	Over Voltage
Voltage Level : 400KV			Outage Type TRIPPED		
Bhusawal- Aurangabad	06/09/2010	22.45		Continued.	Over Voltage
Voltage Level : 220KV			Outage Type TRIPPED		
220/132 KV 200 MVA ICT - II @ Theur	01/06/2010	03.57		Continued.	Oil Tank Burst.
220/100KV 200MVA T/F-II @APTA	15/08/2010	21.10		Continued.	Tripped on Diff.Prot.CTR system operated.
Miraj -Ichalkarajni	19/09/2010	22.30	20/09/2010	19.30	Distance Protection
Koradi-Butibori	20/09/2010	00.26	20/09/2010	00.44	Distance Protection
Babaleshwar - Chalisgaon	20/09/2010	11.50	20/09/2010	15.56	Distance Protection
Babaleshwar - Nagar - II	20/09/2010	11.59	20/09/2010	12.14	Load Trimming operated
Babaleshwar - Nagar - I	20/09/2010	11.59	20/09/2010	16.03	Load Trimming operated
Voltage Level : 132KV			Outage Type TRIPPED		
Girwali - Latur MIDC	21/09/2010	01.42		Continued.	Distance Protection
Voltage Level : 100KV			Outage Type TRIPPED		
Ganeshkhind-Chinchwad	20/09/2010	09.54	20/09/2010	10.10	Fault on 16 MVA T/F I&II
100/11KV 16 MVA T/F-II at Ganeshkhind	20/09/2010	09.54	20/09/2010	13.35	Cable Fault
100/11KV 16 MVA T/F-I at Ganeshkhind	20/09/2010	09.54	20/09/2010	10.10	Fault on T/F-II

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 21/Sep/2010

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 1	105	0
Unit 2	105	55
Unit 3	105	50
Unit 4	105	0
Unit 5	200	75
Unit 6	210	35
Unit 7	210	85
	1040	300
Bhusawal		
Unit 1	58	0
Unit 2	210	130
Unit 3	210	140
	478	270
Parli		
Unit 1	30	0
Unit 2	30	0
Unit 3	210	0
Unit 4	210	140
Unit 5	210	100
Unit 6	250	100
Unit 7	250	100
	1190	440
Chandrapur		
Unit 1	210	100
Unit 2	210	100
Unit 3	210	0
Unit 4	210	70
Unit 5	500	200
Unit 6	500	200
Unit 7	500	200
	2340	870
Paras		
Unit 2	55	40
Unit 3	250	130
Unit 4	250	140
	555	310
Khaparkheda		
Unit 1	210	150
Unit 2	210	0
Unit 3	210	160
Unit 4	210	150
	840	460
Nasik		
Unit 1	120	71
Unit 2	120	0
Unit 3	210	142
Unit 4	210	0
Unit 5	210	132
	870	345
Koyna		
Stage 1-2	600	600
Stage 4	1000	0
Stage 3	320	320
	1920	920
Uran		
All Units	852	640

Generating unit	Derated Capacity (MW)	OLC (MW)
	852	640
Hydro		
KDPH	40	0
VTRNA	60	0
TILLARI	60	0
BHTGR/VEER	21	4
BHIRA T.R.	80	41
RNGR+BHTSA	20	0
BHANDARDRA	45	4
ELDARY	23	11
SMLHY PTN	12	19
GHATGHAR	250	0
	611	79
PENCH (MS)		
Pench (MS)	53	
	53	
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		
TOTAL CPP	0	
	0	
Dabhol		
RGPPL	960	1575
	960	1575
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	3143	3979
	3143	3979