



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

State Load Dispatch Center, Airoli

Daily system Report

for

22/Mar/2011

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 22/Mar/2011 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	127.837	2955.770	1) Madhya Pradesh	54.664	1164.096
2) Hydro	24.223	454.479	2) Gujrat	29.186	659.414
3) Gas	15.773	316.816	3) Goa	-6.916	-141.413
Total MSGENCO	167.833	3727.065	4) TAPS 1&2 (Inj.)	3.304	96.841
B) OTHERS			5) Pench (Excess)	-0.211	-5.710
1) RGPPL Gas	31.734	647.066	# Total Cent. Sector	80.027	1773.228
2) Wind Generation	6.929	88.952	F) Other Exchanges		
3) CPP	24.785	544.807	1) With TPCL (Excess)	-11.629	-215.122
4) PENCH (MS)	0.211	5.710	G) Bilateral Power *		
C) TPCL & REL			1) MSEDCL Bilateral	15.062	307.260
1) TPCL Thermal	23.979	540.215	Include PX	0.000	0.000
2) TPCL Hydro	5.108	85.461	2) MUMBAI Bilateral	11.619	215.062
TOTAL TPCL	29.087	625.676	Include PX	3.194	36.938
3) REL Thermal	12.696	278.899	3) MUMBAI Schedule	11.619	215.062
D) STATE			H) ENERGY CATERED (MUs)		
1) Thermal (A1+C1+C3)	164.512	3774.884	1) MSEDCL	299.890	6571.706
2) Hydro (A2+B3+C2)	29.542	545.650	2) TPCL	35.238	743.370
3) Gas (A3+B1)	47.507	963.882	3) REL	18.173	376.240
4) Wind (B2)	6.929	88.952	TOTAL STATE	353.301	7691.316
5) CPP (B3)	24.785	544.807			
TOTAL STATE	273.275	5918.175			

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 12 Hrs	B. Evening Peak at 20 Hrs	C. Night Minimum at 3 Hrs
MSGENCO Thermal	5455	5078	5306
MSGENCO Hydro	1483	1581	157
MSGENCO Gas	654	651	683
MSGENCO Total Generation	7592	7310	6146
Central Sector Receipt	3765	3303	2664
RGPPL	1292	1340	1318
WIND	178	334	347
CPP	1050	1067	931
Exchange with Mumbai	-622	-523	-294
MSEDCL DEMAND MET	13265	12884	11112
Load Shedding (LS)	385	108	0
MSEDCL DEMAND (INCL. LS)	13650	12992	11112
TPCL GENERATION	1585	1520	843
REL GENERATION	528	530	530
TPCL+REL DEMAND	2735	2573	1667
STATE DEMAND MET	16000	15457	12779
Load Management (LM)	2254	3388	2001
Total Load Relief (LS+LM)	2639	3496	2001
UNRESTRICTED STATE DEMAND	18639	18953	14780
Frequency (Hz)	49.79	49.83	49.90

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.41 Hz at 17.02 Hrs	49.35 Hz at 20.47 Hrs	49.82	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 22/Mar/2011

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 5	4.03	74.24	176	153	170
Unit 6	0.00	85.71	0	0	0
Unit 7	4.58	88.30	200	180	200
	8.61	248.24			370
Bhusawal					
Unit 2	4.06	76.10	175	160	180
Unit 3	3.42	95.04	200	0	200
Unit 4			0	0	
	7.48	171.14			380
Parli					
Unit 3	4.41	94.36	198	135	150
Unit 4	4.11	90.76	189	140	165
Unit 5	4.11	92.20	189	160	175
Unit 6	0.00	96.54	0	0	0
Unit 7	4.50	102.50	253	0	200
	17.12	476.36			690
Chandrapur					
Unit 1	3.95	85.20	170	155	165
Unit 2	3.80	85.87	171	139	160
Unit 3	4.37	66.45	201	157	200
Unit 4	3.99	95.86	193	125	180
Unit 5	11.07	247.77	490	430	480
Unit 6	11.14	243.74	480	445	480
Unit 7	11.51	231.46	485	470	480
	49.82	1056.35			2145
Paras					
Unit 3	5.85	127.18	255	224	250
Unit 4	5.65	104.44	252	192	250
	11.50	231.62			500
Khaparkheda					
Unit 1	4.39	105.00	195	160	190
Unit 2	4.41	102.76	200	163	200
Unit 3	4.53	108.80	205	162	170
Unit 4	5.24	113.16	222	208	210
Unit 5			0	0	
	18.57	429.71			770
Nasik					
Unit 1	0.30	31.71	52	0	85
Unit 2	1.52	37.32	87	0	90
Unit 3	4.50	93.80	190	175	180
Unit 4	4.39	96.67	199	160	190
Unit 5	4.00	82.86	181	144	180
	14.73	342.36			725
Uran					
All Units	15.77	316.82	686	600	630
	15.77	316.82			630
Dabhol					
RGPPL	31.73	647.07	1457	1287	1270
	31.73	647.07			1270
Koyna					
Stage 1-2	4.82	90.95	525	40	600
Stage 4	11.01	187.93	1036	0	250
Stage 3	3.10	59.61	320	0	320
	18.92	338.49			1170
Kovna 12&4 Total	15.83	278.88			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Hydro					
KDPH	0.46	8.06	20	19	36
VTRNA	1.08	22.97	61	0	60
TILLARI	0.48	8.93	60	0	60
BHTGR/VEER	0.12	5.33	5	5	15
BHIRA T.R.	0.28	4.79	82	0	80
RNGR+BHTSA	0.34	7.94	15	14	14
BHANDARDRA	0.60	4.81	26	24	26
ELDARY	0.41	5.66	22	15	
SMLHY PTN	0.65	20.96	27	27	25
GHATGHAR	0.89	26.54	125	0	
	5.30	115.99			316
PENCH (MS)					
Pench (MS)	0.21	5.71	53	0	
	0.21	5.71			
Wind					
MalharPeth	0.21	2.89			
Vankuswadi	0.65	7.49			
ATIT	0.13	1.21			
Kale	0.08	2.57			
Satara	0.27	4.98			
Shirala	0.18	2.73			
K Mahankal	0.01	4.08			
Supa	0.31	2.65			
Vita	0.61	12.77			
Dondaicha	2.97	27.34			
Sakri	0.43	4.74			
Nandurbar	0.39	3.64			
Khandke	0.38	7.10			
Khaparale	0.30	4.76			
	6.93	88.95			
CPP					
JSW JAIGAD	13.95	258.14	610	515	550
WARDHA	5.70	156.77	274	216	300
Other CPPs	5.14	129.90	32	32	
	24.78	544.81			850
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	10.16	228.94	465	325	500
Trombay 6	4.19	110.06	270	150	500
Trombay 7A	2.97	64.15	127	119	120
Trombay 7B	1.62	35.52	69	66	60
Trombay 8	5.03	101.55	250	140	250
TATA Hydro	5.11	85.46	471	0	447
	29.09	625.68			1877
REL					
1&2	12.70	278.90	530	528	500
	12.70	278.90			500
Cent Sect					
Share					3441
					3441

MS PG CL	Thermal	127.84	2955.77		5580
	Thml+Gas	143.61	3272.59		6210
	Hydro	24.22	454.48		1486
	Total	167.83	3727.06		7696
State Total		273.28	5918.18		15634

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 22/Mar/2011

TIME SR. NO.	MSPGCL GEN.			TOTAL	RGPPL	WIND	CPP	CS SHARE	CS RECPT	Mum.S CH.	Mum. NET EXCH.	MSEDCL DEMAND MET	# LOAD RELEIF (LS+LM)	MSEDCL DEMAN D WITH LS	TPCL + REL DEMAND	STATE DEM. WITH LS+LM	FREQ. (Hz)
	THM	HY	GAS														
1	5281	193	680	6154	1308	403	929	3281	2720	-441	-462	11052	3137	11052	1874	16063	49.77
2	5254	147	681	6082	1315	387	930	3227	2390	-343	-369	10735	3154	10735	1760	15649	49.87
3	5306	157	683	6146	1318	347	931	3160	2664	-270	-294	11112	2001	11112	1667	14780	49.90
4	5308	152	684	6144	1321	365	942	3118	3077	-220	-248	11601	1646	11601	1595	14842	49.96
5	5314	177	684	6175	1318	420	947	3091	2969	-196	-230	11599	1736	11599	1592	14927	49.80
6	5384	494	680	6558	1321	377	1049	3051	3215	-196	-232	12288	1989	12288	1653	15930	49.80
7	5401	831	686	6918	1326	354	1073	3135	3539	-245	-287	12923	2118	12923	1720	16761	49.93
8	5487	640	685	6812	1326	235	1051	3144	3838	-295	-324	12938	2155	12975	1818	16911	49.96
9	5567	1171	670	7408	1318	194	1058	3166	3634	-345	-383	13229	2339	13450	2041	17609	49.95
10	5554	1815	661	8030	1302	165	1059	3225	3436	-393	-429	13590	2377	13853	2415	18382	49.80
11	5548	1198	656	7402	1297	156	1051	3414	3826	-565	-591	13184	2435	13500	2689	18308	49.83
12	5455	1483	654	7592	1292	178	1050	3484	3765	-639	-622	13265	2639	13650	2735	18639	49.79
13	5401	1921	636	7958	1287	185	1057	3413	3528	-605	-599	13416	2646	13808	2713	18775	49.69
14	5414	1858	628	7900	1289	213	1064	3343	3470	-557	-548	13388	2575	13709	2607	18570	49.80
15	5370	1999	625	7994	1288	265	1068	3466	3264	-680	-660	13219	2465	13528	2642	18326	49.72
16	5423	1940	626	7989	1290	290	1065	3471	3508	-739	-715	13427	2470	13741	2672	18569	49.75
17	5192	2002	643	7837	1315	290	1064	3472	3631	-739	-725	13412	2473	13745	2589	18474	49.83
18	5212	1779	650	7641	1342	297	1098	3438	3543	-690	-671	13250	2231	13609	2529	18010	49.95
19	5255	982	641	6878	1340	276	1069	3232	3581	-445	-430	12714	3149	12910	2480	18343	49.90
20	5078	1581	651	7310	1340	334	1067	3389	3303	-541	-523	12884	3496	12992	2573	18953	49.83
21	5113	843	653	6609	1418	353	1077	3376	3291	-541	-508	12290	3404	12317	2459	18153	49.70
22	5100	297	657	6054	1457	303	1089	3394	3614	-565	-541	11995	3377	11995	2319	17691	49.76
23	5191	355	659	6205	1299	288	997	3437	3450	-687	-620	11628	3377	11628	2170	17175	49.64
24	5223	208	600	6031	1307	254	1000	3360	2770	-684	-618	10744	3377	10744	2100	16221	49.71
MUs	127.8 3	24.22	15.77	167.83	31.73	6.93	24.78	79.29	80.03	-11.62	-11.63	299.88	62.77	303.46	53.41	416.06	49.82

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 22/Mar/2011

Position as on 6.30 Hrs of 23/Mar/2011

Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE							
Cent_Sect Tarapur 2	80	04/03/2011	01.25		Continued.	Refueling Work.	04/04/2011
Dabhol 1B	230	15/03/2011	02.37		Continued.	Upgradation Work.	25/04/2011
Cent_Sect Tarapur 1	80	22/03/2011	22.18		Continued.	7 Days Maint.Work.	
FORCED OUTAGE							
Nasik Unit 2	125	18/03/2011	21.07	22/03/2011	01.35	BLR T/L.	
Dabhol 2B	230	18/03/2011	23.23	22/03/2011	16.07	For inlet air filter replacement.	
Nasik Unit 1	125	19/03/2011	19.50	22/03/2011	03.25	BLR T/L.	
CPP WPCL U-1	135	20/03/2011	14.49	22/03/2011	16.42	Boiler Tube Leakage.	
Parli Unit 6	250	21/03/2011	04:33		Continued.	Furnace Pressure high.	22/03/2011
Koradi Unit 6	210	21/03/2011	18.16		Continued.	BLR T/L.	23/03/2011
Cent_Sect NTPC(V-7)	500	22/03/2011	08.09	23/03/2011	02.49	To Attend Unit 1 G B Ph 400KV Side Bushing Oil Leakage.	
Nasik Unit 1	125	22/03/2011	11.00	23/03/2011	04.10	Water Valve Problem.	
Nasik Unit 2	125	22/03/2011	14.30	22/03/2011	14.50	Drum Level High.	
Bhusawal Unit 3	210	22/03/2011	15.48	22/03/2011	18.33	Boiler Feed Pump.	
Bhusawal Unit 3	210	22/03/2011	18.44	22/03/2011	19.23	Drum Level Low.	
Parli Unit 7	250	22/03/2011	18.58	22/03/2011	22.30	Loss of Fuel.	
Dabhol 2A	230	22/03/2011	21.43		Continued.	Capacity Demonstration for 3 days.	
Parli Unit 7	250	23/03/2011	00.35		Continued.	Boiler Tube Leakage.	26/03/2011

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 22/Mar/2011

Position as on 6.30 Hrs of 23/Mar/2011

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
InterState					
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
Boiser - Tarapur	22/03/2011	08.55	22/03/2011	16.01	Zone - III Outage.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Dhule - S'Sarovar- II	20/03/2011	13:55	23/03/2011	07:15	H/T For O/V.
Dhule-Sar'Sarovar - I	22/03/2011	00.15	22/03/2011	06.40	Over Voltage.
Wardha - Akola - I	22/03/2011	23.20		Continued.	Over Voltage.
Dhule-Sar'Sarovar - I	22/03/2011	23.21		Continued.	Over Voltage.
Kolhapur - Mapusa - II	22/03/2011	23.25	23/03/2011	07:14	Over Voltage.
Voltage Level : 400KV			Outage Type TRIPPED		
Kolhapur - Mapusa - I	21/03/2011	20.27	22/03/2011	07.57	Bus Bar Protection Operated at K'pur.(Ready for charging at 22.20 hrs)
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
50 MVAR Line Reactor of BSL-KORDY at BSL end	18/03/2011	12.51		Continued.	O/H work
Lonikand-Karad	20/03/2011	07:45		Continued.	Errection of 2 Nos. of In line towers at Loc. No. 328 (for 7 days).
400/132KV 200 MVA ICT-I @ Bhusawal	20/03/2011	13:42		Continued.	Replacement of Main Bus I and II Isolator under LES scheme. (ICT LV side is on TBC)
50 MVAR Reactor on 400KV Parli Ckt.I at Chandrapur	21/03/2011	17.15		Continued.	OIL Filtration Work.
80 MVAR Reactor @ Kharghar	22/03/2011	08.55	22/03/2011	19:48	R.M. & Testing Work.
Karad-Kolhapur-II	22/03/2011	09.45	22/03/2011	13.25	C T Replacement.
Akola - Wardh - II Main Breaker	22/03/2011	10.14	22/03/2011	21.38	Taken on Tie C B for Main C B Work.
400/220 KV 315 MVA ICT - II @ Koradi.	22/03/2011	12.15	22/03/2011	13.45	SF-6 Gas Filling,H V Side Taken on TBC.
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
Babaleshwar - Chalisgaon	15/12/2010	13.42		Continued.	Conversion of S/C to D/C(6 MonthOutage.)
Borivali-Mulund	06/02/2011	22.17		Continued.	From Borivali end for strengthing Mumbai system up to 30.03.11
220/110 KV 100 MVA T/F - II @ Mudshingi	07/02/2011	15.12		Continued.	Augmentation by 200 MVA.up to 30/03/11
Tifil-Trombay	13/02/2011	09.50		Continued.	Stringing of New Ckt.Between loc.no.22-39 on Newly Erected
220/132 KV 150 MVA ICT-I @ Dhule	26/02/2011	10.55		Continued.	Repl.of 150MVA ICT by 200MVA ICT up to 31.03.2011
220/100KV 125 MVA ICT-II @ Kalwa	28/02/2011	11.10		Continued.	Augmetation to 200 MVA up to 31.03.2011.
220/100 KV 125MVA ICT-II @ Borivali	19/03/2011	09.30		Continued.	Augmentation by 200MVA.
220/132 KV100 MVA ICT-I @ Chalisgaon	19/03/2011	14.26		Continued.	Augmentation from 100 to 200 MVA ICT (up to 31.03.2011)
Miraj-Karad	22/03/2011	09.45	22/03/2011	13.25	Q.M.Work.
Vankuswade-Malharpath	22/03/2011	11.45	22/03/2011	17.45	Annual Maint.Work.
Karad-Oglewadi-I	22/03/2011	11.47	22/03/2011	12.47	Bus Outage.
220/110 KV 200 MVA T/F	22/03/2011	11.47	22/03/2011	16.09	Bus Outage.

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 22/Mar/2011

Position as on 6.30 Hrs of 23/Mar/2011

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
@ Ogalewadi					
220/110 KV 100 MAV T/F - II @ Ogalewadi	22/03/2011	11.47	22/03/2011	16.14	Bus Outage.
220/110 KV 100 MAV T/F - I @ Ogalewadi	22/03/2011	11.47	22/03/2011	16.11	Bus Outage.
Karad - Ogalewadi - II	22/03/2011	11.47	22/03/2011	12.47	Bus Outage.
Vankushwadi - MIDC Satara.	22/03/2011	12.15	22/03/2011	18.30	Annual Maint.Work.
Miraj - Tilwani	22/03/2011	14.00	22/03/2011	18.00	Q.M.Work.
Voltage Level : 100KV			Outage Type PLANNED OUTAGE		
Kandalgaon-Roha-I	22/03/2011	11.12	22/03/2011	15.06	Q.M.Work.
Kandalgaon-Roha-II	22/03/2011	15.02	22/03/2011	19.49	Tand Measurment.
Voltage Level : 220KV			Outage Type FORCED OUTAGE		
LV CB of 400/220 kV 315 MVA ICT-1 @ Parli	11/02/2011	22:43		Continued.	PDR problem (ICT LV side is on TBC)
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Bhusawal- Aurangabad	21/03/2011	20.25	22/03/2011	04.52	Over Voltage.
Karad-Kolhapur-II	21/03/2011	23.56	22/03/2011	07.20	Over Voltage.
Bhusawal- Aurangabad	22/03/2011	20.16	23/03/2011	04.57	Over Voltage.
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Wardha-Abhijeet II	05/03/2011	07.49		Continued.	To control 220KV A'zari-AEPL loading.
Babaleshwar - Bhenda	05/03/2011	20.47		Continued.	To control BBLSR ICT Load
Chandrapur-Warora - I	11/03/2011	21.53		Continued.	To control Warora-Hinganghat loading.
Hingoli-Pusad	19/03/2011	17.24		Continued.	To control Wardha-Y'mal ckt loading.
Chinchwad-Parvati	21/03/2011	08.54	22/03/2011	21.43	To control Lonikand ICT.
Bale-Murud	21/03/2011	10.50		Continued.	To control Parli ICT.
Bale-Osmanbad	21/03/2011	10.50		Continued.	To control Parli ICT.
Aurangabad - Babaleshwar	22/03/2011	07.54		Continued.	To Control Babaleshwar ICT Load.
Voltage Level : 132KV			Outage Type HAND TRIPPED		
Supa - Shirur	07/03/2011	15.15		Continued.	To control Lonikand ICT Load
Voltage Level : 100KV			Outage Type HAND TRIPPED		
Kalwa - Salshet - I	18/02/2011	10.56		Continued.	From Kalwa End
Voltage Level : 400KV			Outage Type TRIPPED		
Chandrapur - Parli - I	22/03/2011	17.45	22/03/2011	18.25	Direct Carrier Received.
Voltage Level : 220KV			Outage Type TRIPPED		
220/100KV 200MVA T/F - I at Apta	22/03/2011	12.02	22/03/2011	13.12	OLTC Bucloze Fault.
220/100KV 200MVA T/F - I at Apta	22/03/2011	13.15	22/03/2011	22.12	Internal Fault OLTC Bucholz.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 23/Mar/2011

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 5	200	180
Unit 6	210	0
Unit 7	210	200
	620	380
Bhusawal		
Unit 2	210	170
Unit 3	210	200
Unit 4	0	
	420	370
Parli		
Unit 3	210	190
Unit 4	210	180
Unit 5	210	155
Unit 6	250	0
Unit 7	250	0
	1130	525
Chandrapur		
Unit 1	210	165
Unit 2	210	160
Unit 3	210	185
Unit 4	210	180
Unit 5	500	490
Unit 6	500	400
Unit 7	500	480
	2340	2060
Paras		
Unit 3	250	250
Unit 4	250	250
	500	500
Khaparkheda		
Unit 1	210	210
Unit 2	210	210
Unit 3	210	210
Unit 4	210	210
Unit 5	0	
	840	840
Nasik		
Unit 1	120	80
Unit 2	120	81
Unit 3	210	162
Unit 4	210	172
Unit 5	210	162
	870	657
Uran		
All Units	852	630
	852	630
Dabhol		
RGPP	1940	1270
	1940	1270
Koyna		
Stage 1-2	600	600
Stage 4	1000	250
Stage 3	320	320
	1920	1170
Hydro		
KDPH	40	18

Generating unit	Derated Capacity (MW)	OLC (MW)
VTRNA	60	60
TILLARI	60	60
BHTGR/VEER	21	5
BHIRA T.R.	80	80
RNGR+BHTSA	20	15
BHANDARDRA	45	26
ELDARY	23	0
SMLHY PTN	12	21
GHATGHAR	250	0
	611	285
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		
JSW JAIGAD	600	550
WARDHA	405	360
Other CPPs	0	
	1005	910
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	3386
	3455	3386