



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

State Load Dispatch Center, Airoli

Daily system Report

for

29/Jun/2013

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 29/Jun/2013 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	75.667	2417.578	1) Gujrat	6.468	213.069
2) Hydro	4.821	190.919	2) Madhya Pradesh	19.553	508.959
3) Gas	10.419	282.315	3) Chattisgarh	8.790	270.720
Total MSGENCO	90.907	2890.812	4) Maharashtra	55.583	1768.161
B) 1) JSW JAIGAD	12.249	634.327	5) Goa	-5.072	-157.034
2) WPCL	7.211	227.420	6) TAPS 1&2 Injection	3.706	104.501
3) ADANI	27.000	654.670	7) RGPPL Injection	6.000	103.793
4) Other CPP / IPP	8.692	274.879	8) Pench (Excess)	-0.219	-6.788
5) Wind Generation	29.813	603.741	# Total Cent. Sector	94.809	2805.381
6) PENCH (MS)	0.219	6.788	F) Other Exchanges		
C) TPCL & REL			1) With TPCL (Excess)	-16.416	-491.918
1) TPCL Thermal	21.935	643.093	G) Bilateral Power *		
2) TPCL Hydro	5.155	144.543	1) MSEDCL Bilateral	38.177	1028.257
TOTAL TPCL	27.090	787.636	Include PX	-0.519	-40.098
3) REL Thermal	10.998	328.332	2) MUMBAI Bilateral	12.219	418.825
D) STATE			Include PX	-1.007	36.207
1) Thermal (A1+C1+C3)	108.600	3389.003	3) MUMBAI Schedule	12.219	419.675
2) Hydro (A2+B5+C2)	10.195	342.250	H) ENERGY CATERED (MUs)		
3) Gas (A3)	10.419	282.315	1) MSEDCL	254.484	7606.100
4) Wind (B4)	29.813	603.741	2) TPCL	35.563	1053.563
5) CPP (B1+B2+B3)	55.152	1163.626	3) REL	18.940	554.225
TOTAL STATE	214.179	5780.935	TOTAL STATE	308.987	9213.888

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 12 Hrs	B. Evening Peak at 21 Hrs	C. Night Minimum at 4 Hrs
MSGENCO Thermal	3098	3055	3289
MSGENCO Hydro	415	621	52
MSGENCO Gas	436	335	452
MSGENCO Total Generation	3949	4011	3793
Central Sector Receipt	4086	4261	3274
WIND	1316	1122	1109
CPP / IPP	2430	2401	1953
Exchange with Mumbai	-818	-449	-386
MSEDCL DEMAND MET	10963	11370	9743
Load Shedding	185	219	62
MSEDCL DEMAND	11148	11589	9805
TPCL GENERATION	1476	1482	848
R-INFRA GENERATION	525	525	400
TPCL+R-INFRA DEMAND	2819	2456	1634
STATE DEMAND MET	13782	13826	11377
STATE DEMAND	13967	14045	11439
Frequency (Hz)	50.14	49.92	50.23

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.6 Hz at 13:09 Hrs	49.65 Hz at 19:49 Hrs	50.1	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 29/Jun/2013

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 5	1.18	18.49	140	0	50
Unit 6	1.73	63.80	98	40	80
Unit 7	0.00	61.14	0	0	0
Total	2.91	143.43			130
Bhusawal					
Unit 2	3.36	44.16	155	110	150
Unit 3	3.10	79.82	170	0	160
Unit 4	4.20	82.05	205	150	215
Unit 5	5.64	105.28	280	200	0
Total	16.30	311.30			525
Parli					
Unit 3	0.00	0.00	0	0	0
Unit 4	0.00	0.00	0	0	0
Unit 5	0.00	0.00	0	0	0
Unit 6	0.00	0.00	0	0	0
Unit 7	0.00	0.00	0	0	0
Total	0.00	0.00			0
Chandrapur					
Unit 1	3.44	92.74	151	132	150
Unit 2	3.65	96.19	160	145	150
Unit 3	4.00	105.83	187	138	170
Unit 4	0.00	48.49	0	0	0
Unit 5	5.30	184.80	260	190	300
Unit 6	0.00	189.46	0	0	0
Unit 7	4.89	206.79	230	166	250
Total	21.30	924.31			1020
Paras					
Unit 3	3.54	136.54	158	136	150
Unit 4	3.77	129.80	185	144	150
Total	7.31	266.34			300
Khaparkheda					
Unit 1	3.48	77.05	170	95	160
Unit 2	3.46	95.12	175	105	160
Unit 3	0.00	98.29	0	0	0
Unit 4	3.17	5.37	157	117	140
Unit 5	5.21	157.98	343	0	350
Total	15.32	433.80			810
Nasik					
Unit 3	4.20	119.17	195	170	185
Unit 4	4.15	111.37	181	168	175
Unit 5	4.18	107.86	193	166	185
Total	12.53	338.40			545
Uran					
All Units	10.42	282.32	461	335	430
Total	10.42	282.32			430
PENCH (MS)					
Pench (MS)	0.22	6.79	25	0	0
Total	0.22	6.79			0
Koyna					
Stage 1-2	1.32	58.24	320	40	600
Stage 4	0.77	23.06	233	0	250
Stage 3	1.04	31.53	158	0	240
Kovna 12&4 Total	2.09	81.30			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Total	3.14	112.84			1090
Hydro					
KDPH	0.00	1.63	0	0	0
VTRNA	0.00	14.99	0	0	0
TILLARI	0.28	5.58	59	0	60
BHTGR/VEER	0.00	0.00	0	0	0
BHIRA T.R.	0.49	11.02	57	0	80
RNGR+BHTSA	0.02	2.89	1	0	10
BHANDARDRA	0.00	3.42	0	0	0
ELDARY	0.00	0.00	0	0	0
SMLHY PTN	0.15	4.85	7	6	18
GHATGHAR	0.75	33.71	125	0	0
Total	1.68	78.08			168
Wind					
MalharPeth	1.15	24.13			
Vankuswadi	2.13	44.25			
ATIT	0.32	6.20			
Kale	0.82	16.63			
Satara	9.90	182.06			
Shirala	0.72	14.76			
K Mahankal	0.12	2.98			
Supa	0.39	7.40			
Vita	3.63	84.00			
Dondaicha	6.58	138.01			
Sakri	1.14	19.91			
Nandurbar	0.44	13.00			
Khandke	1.65	29.58			
Khaparale	0.83	20.85			
Total	29.81	603.74			
CPP					
JSW JAIGAD	12.25	634.33	521	500	510
WARDHA	7.21	227.42	323	109	319
Adani	27.00	654.67	1230	850	1234
Other CPPs	8.69	274.88			146
Total	55.15	1791.30			2209
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	8.70	235.49	501	314	500
Trombay 6	3.55	124.56	149	147	500
Trombay 7A	2.95	83.33	125	122	120
Trombay 7B	1.63	46.49	69	67	60
Trombay 8	5.10	153.23	252	184	250
TATA Hydro	5.16	144.54	424	0	447
Total	27.09	787.64			1877
REL					
1&2	11.00	328.33	525	400	500
Total	11.00	328.33			500
Cent Sect					
Share					4351
Total					4351

MS PG CL	Thermal	75.67	2417.58			3330
	Thml+Gas	86.09	2699.89			3760
	Hydro	4.82	190.92			1258
	Total	90.91	2890.81			5018
State Total		214.18	5780.94			13955

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 29/Jun/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	3209	172	453	3834	1176	2249	3467	3394	-475	-686	9989	88	10077	1930	12007	50.03
2	3224	71	453	3748	1229	2073	3247	3432	-392	-534	9948	61	10009	1780	11789	50.05
3	3263	47	449	3759	1171	1964	3172	3267	-263	-456	9705	62	9767	1698	11465	50.10
4	3289	52	452	3793	1109	1953	3140	3274	-232	-386	9743	62	9805	1634	11439	50.23
5	3268	57	449	3774	1180	1818	3169	3544	-270	-373	9943	62	10005	1621	11626	50.23
6	3278	48	445	3771	1165	2128	3441	3577	-370	-461	10180	95	10275	1706	11981	50.03
7	3326	48	447	3821	1084	2400	3776	3829	-390	-510	10624	145	10769	1769	12538	50.09
8	3331	76	447	3854	1037	2379	4026	4009	-463	-570	10709	209	10918	1896	12814	50.10
9	3262	128	439	3829	1120	2403	4075	4205	-507	-580	10977	243	11220	2177	13397	50.11
10	3309	308	451	4068	1070	2437	4181	4127	-620	-635	11067	162	11229	2529	13758	50.09
11	3019	287	448	3754	1213	2444	4194	4307	-629	-762	10956	124	11080	2757	13837	50.12
12	3098	415	436	3949	1316	2430	4184	4086	-629	-818	10963	185	11148	2819	13967	50.14
13	3030	163	441	3634	1432	2425	4195	3892	-629	-959	10424	289	10713	2804	13517	50.17
14	3059	90	450	3599	1620	2439	4070	4067	-629	-1076	10649	223	10872	2673	13545	50.20
15	3136	116	446	3698	1597	2416	3978	3904	-624	-1059	10579	191	10770	2675	13445	50.14
16	3235	118	434	3787	1629	2429	3997	3962	-597	-1082	10748	142	10890	2650	13540	50.21
17	3009	87	448	3544	1458	2326	4015	4252	-572	-942	10662	128	10790	2593	13383	50.16
18	3018	67	443	3528	1393	2249	3636	4115	-506	-957	10352	106	10458	2560	13018	50.27
19	2963	126	438	3527	1326	2239	3903	4344	-545	-804	10655	94	10749	2511	13260	50.05
20	2981	669	341	3991	1051	2406	4204	4347	-571	-647	11173	196	11369	2545	13914	49.89
21	3055	621	335	4011	1122	2401	4255	4261	-602	-449	11370	219	11589	2456	14045	49.92
22	3087	504	359	3950	973	2374	4046	4198	-579	-443	11076	117	11193	2361	13554	50.06
23	3136	334	454	3924	1177	2382	4088	4191	-578	-536	11145	66	11211	2246	13457	50.01
24	3082	217	461	3760	1165	2388	4219	4225	-549	-691	10847	64	10911	2114	13025	50.07
MUs	75.67	4.82	10.42	90.91	29.81	55.15	92.68	94.81	-12.22	-16.42	254.48	3.33	257.82	54.50	312.32	50.10

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 29/Jun/2013

Position as on 6.30 Hrs of 30/Jun/2013

Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE							
Parli Unit 4	210	28/11/2012	02.37		Continued.	water shortage.	
Cent_Sect Tarapur 2	160	31/12/2012	17.05		Continued.	Refuelling work	
Parli Unit 6	250	25/01/2013	19.49		Continued.	Water Shortage/AOH from 06.03.2013	
Parli Unit 3	210	13/02/2013	23.50		Continued.	Water Shortage	
Parli Unit 5	210	14/02/2013	22.45		Continued.	Water Shortage	
Parli Unit 7	250	17/02/2013	01.00		Continued.	Water Shortage.	
Chandrapur Unit 4	210	15/06/2013	13.33		Continued.	Annual Overhaul	
FORCED OUTAGE							
CPP Adani U-2	660	22/04/2013	13.47		Continued.	ID fan problem.	
Dabhol 3B	230	28/05/2013	21.58		Continued.	Gas shortage.	
Dabhol 1B	230	28/05/2013	22.02		Continued.	Gas shortage.	
Koyna Unit 11	80	04/06/2013	13.25		Continued.	Rotar Fault.	
Dabhol 3A	230	06/06/2013	08.28		Continued.	Gas Shortage	
Dabhol 3X	290	06/06/2013	08.28		Continued.	Gas Shortage	
Dabhol 2A	230	06/06/2013	09.10		Continued.	Gas Shortage	
CPP WPCL U-4	135	12/06/2013	03.27		Continued.	Turbine Balancing.	
Uran Unit 8	108	21/06/2013	10.15		Continued.	Gas Shortage.	
CPP INDIABULLS	270	23/06/2013	05.23	29/06/2013	22.50	Oil shortage	
Chandrapur Unit 6	500	26/06/2013	16.37	30/06/2013	09.47	Boiler Tube Leakage.	
CPP JSW (J) U1	300	26/06/2013	16.48		Continued.	Condensar Tube Leakage.	
Khaparkheda Unit 3	210	27/06/2013	12.18		Continued.	Furnace Pressure High.	
Dabhol 1X	290	27/06/2013	21.46		Continued.	Gas Shortage	
Dabhol 1A	230	27/06/2013	21.47		Continued.	Gas Shortage	
Uran Unit 7	108	27/06/2013	23.25	29/06/2013	22.27	Gas Shortage.	
Koradi Unit 7	210	28/06/2013	11.32	30/06/2013	09.36	M.S.Temp low.	
Khaparkheda Unit 5	500	29/06/2013	09.58	29/06/2013	14.03	Low Vaccum problem	
Bhusawal Unit 3	210	29/06/2013	16.18	29/06/2013	19.32	HP Heater Level High	
Koradi Unit 5	200	29/06/2013	16.36		Continued.	ID Fan problem	
Uran Unit A0	120	29/06/2013	19.43	29/06/2013	22.42	HP control valve tripped	
Khaparkheda Unit 4	210	30/06/2013	05.20	30/06/2013	12.40	Furnace Pressure Low	
CPP VIPL	300	30/06/2013	08.59	30/06/2013	11.25	Master Fuel Tripped.	
Koradi Unit 7	210	30/06/2013	09.42		Continued.	GC-2 Heavy Gland Flag Leakage.	

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 29/Jun/2013

Position as on 6.30 Hrs of 30/Jun/2013

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
InterState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
Akola - Aurangabad - I	28/06/2013	10.20		Continued.	Conductor Repl of Jap Bus.
Dhule-Sar'Sarovar - I	30/06/2013	08.23		Continued.	Q.M.Work,Ready For Charging from 17.50.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Kolhapur - Mapusa - I	06/06/2013	16.44		Continued.	Over Voltage
Chandrapur-Bhadravti - I	09/06/2013	16.16		Continued.	Over Voltage
Kolhapur-Solapur (PG) II	13/06/2013	17.07		Continued.	Over Voltage.
Seoni-Wardha-II 765KV.	14/06/2013	10.54		Continued.	Over Voltage
Dabhol - NewKoyna - II	22/06/2013	11.54	30/06/2013	10.35	To attend Breaker Timing problem
Parli (PGCIL)-Bhadravati-II	23/06/2013	16.17		Continued.	Over Voltage
Dhule - S'Sarovar- II	28/06/2013	23.01	30/06/2013	08.09	Over Voltage.
Parly(PG)- Solapur(PG) - I	29/06/2013	21.12		Continued.	Over Voltage
Voltage Level : 400KV			Outage Type TRIPPED		
Koradi-Satpur	14/06/2013	02.02		Continued.	Over Voltage.
Lamboti - Solapur (PGCIL)	29/06/2013	02.58	29/06/2013	06.12	Over Voltage.
Akola - Aurangabad- II	29/06/2013	03.05	29/06/2013	05.29	Over Voltage.
Akola - Wardha - I	29/06/2013	03.05	29/06/2013	06.04	Over Voltage.
Solapur - Solapur (PG)	30/06/2013	02.00	30/06/2013	05.53	Over Voltage
Karad - Solapur (PGCIL)	30/06/2013	02.01	30/06/2013	08.29	Over Voltage
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
400/220 KV 500 MVA ICT-I @ Deepnagar	07/06/2013	17.03		Continued.	ICT charged through Tie Bay due to higher Tan Delta Values of HV side R Phase Bus-II CT
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
Main CB of 220/100kV 200 MVA ICTIII @ Padgha	22/05/2013	10.46		Continued.	Repl.of A bus,B bus isolator under JICA scheme.ICT on TBC.
Bableshtar-Bhenda	28/06/2013	09.32		Continued.	Modification of existing BBLR-Waluj & BBLSR Bhenda at Dound-Manmad Rly Crossing.
Aurangabad - Babaleshtar	28/06/2013	09.37		Continued.	Modification of existing BBLR-Waluj & BBLSR Bhenda at Dound-Manmad Rly Crossing.
Interconnector - II @ Dhule	29/06/2013	09.22	29/06/2013	18.22	To replace the damage Twin Conductor of Stub Bus
Nasik-Bablsr - II	29/06/2013	09.50	29/06/2013	13.13	Hot Spot
Kalwa I-Taloja	29/06/2013	12.03	29/06/2013	12.08	E/W replacement
Akola - Balapur - II	29/06/2013	12.47	29/06/2013	15.57	Demo of Signature Mapping/Scanning of line
Pedambe-Mahad	30/06/2013	10.20	30/06/2013	11.45	To Attend R Ph. Oil Leakage.
Voltage Level : 132KV			Outage Type PLANNED OUTAGE		
Amalner - Nardana	29/06/2013	16.14	29/06/2013	16.15	Newly Charged
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
400/220 KV 105 MVA Spare ICT Unit @	02/02/2013	10.17		Continued.	Low Oil Pressure Alarm Received.

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 29/Jun/2013

Position as on 6.30 Hrs of 30/Jun/2013

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
Bhusawal - II					
Dabhol - Nagothane - I	06/06/2013	21.21		Continued.	Over Voltage
Khadka - Deepnagar - II	22/06/2013	09.46		Continued.	Over Voltage
Karad - Newkoyna - I	23/06/2013	16.36		Continued.	Over Voltage
Chandrapur - Parli - III	24/06/2013	21.56	29/06/2013	06.13	Over Voltage.
Deepnagar-Aurangabad-I	28/06/2013	12.38		Continued.	Hot spot on bus isolator.
Karad - Kolhapur - I	28/06/2013	21.30	29/06/2013	08.56	Over Voltage.
Lonikand- Koyna Stage IV	28/06/2013	23.46	29/06/2013	08.01	Over Voltage.
C'pur-Parli II	29/06/2013	07.45	30/06/2013	08.59	Isolator Maint.work,ready for charging 12.09 Hrs
Karad - Kolhapur - I	29/06/2013	17.04	30/06/2013	08.59	Over Voltage
Dabhol - New Koyna - I	30/06/2013	10.42		Continued.	Over Voltage.
Karad - Kolhapur - I	30/06/2013	16.32		Continued.	Over Voltage.
Chandrapur - Parli - III	30/06/2013	16.36		Continued.	Over Voltage.
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Chikhali - Jalna - II	27/05/2013	17.23		Continued.	To avoid over loading by taking line in grid.
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.
Karad - Kolhapur - II	21/06/2013	21.23		Continued.	Over Voltage.
Koradi - II - Indiabull	28/06/2013	02.16	29/06/2013	05.51	Over Voltage.
Akola - Indiabull (Nandgaonpeth)	29/06/2013	03.05	29/06/2013	06.08	Over Voltage.
Akola - Bhusawal	29/06/2013	03.05	29/06/2013	05.44	Over Voltage.
Karad-Jaigad I	30/06/2013	00.29	30/06/2013	08.46	Over Voltage
Voltage Level : 220KV			Outage Type TRIPPED		
220/100 KV,200MVA ICT - I at Padgha	07/06/2013	17.48		Continued.	Diff.Protection
Pophali - Pedambe - I	27/06/2013	18.50	30/06/2013	18.20	B-Ph CT Burst.
Kalmeshwar - Rly TSS - I	29/06/2013	15.33	29/06/2013	16.15	Backup Prot.operated

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 30/Jun/2013

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 5	200	0
Unit 6	210	95
Unit 7	210	0
	620	95
Bhusawal		
Unit 2	210	140
Unit 3	210	140
Unit 4	500	215
Unit 5	500	0
	1420	495
Parli		
Unit 3	210	0
Unit 4	210	0
Unit 5	210	0
Unit 6	250	0
Unit 7	250	0
	1130	0
Chandrapur		
Unit 1	210	160
Unit 2	210	160
Unit 3	210	150
Unit 4	210	0
Unit 5	500	250
Unit 6	500	0
Unit 7	500	250
	2340	970
Paras		
Unit 3	250	200
Unit 4	250	200
	500	400
Khaparkheda		
Unit 1	210	130
Unit 2	210	130
Unit 3	210	0
Unit 4	210	0
Unit 5	500	250
	1340	510
Nasik		
Unit 3	210	195
Unit 4	210	180
Unit 5	210	195
	630	570
Uran		
All Units	852	390
	852	390
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	0
VTRNA	60	0

Generating unit	Derated Capacity (MW)	OLC (MW)
TILLARI	60	60
BHTGR/VEER	21	0
BHIRA T.R.	80	57
RNGR+BHTSA	20	0
BHANDARDRA	45	0
ELDARY	23	0
SMLHY PTN	12	0
GHATGHAR	250	0
	611	117
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	510
WARDHA	405	319
Adani	1320	1234
Other CPPs	300	286
	3225	2349
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	4369
	3455	4369